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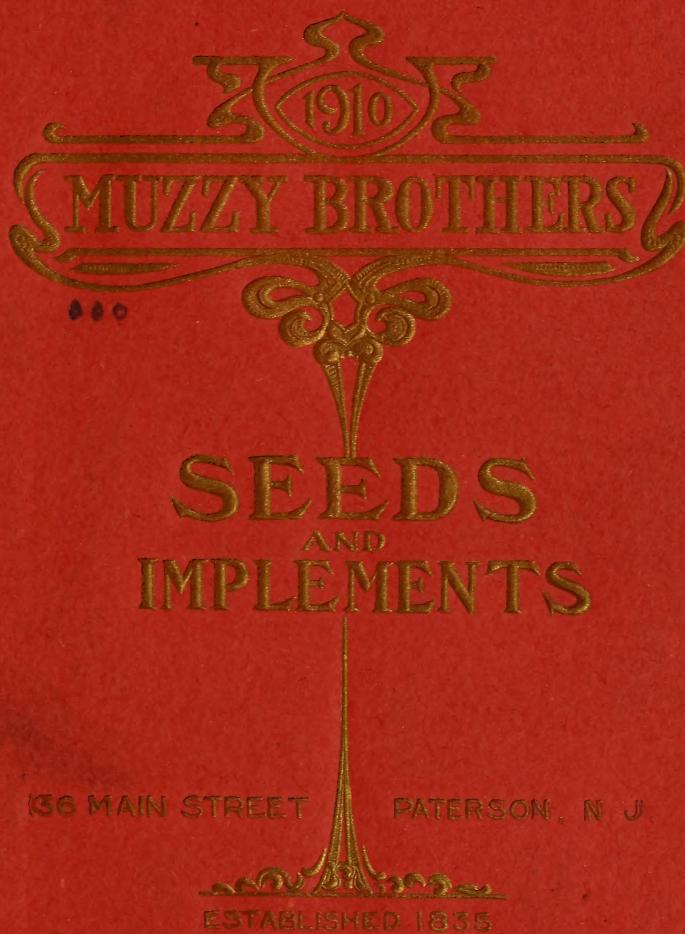
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1910

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36 MAIN STREET PATerson, N. J.

ESTABLISHED 1835

W. COLE &  
MUNY BROTHERS  
SEEDS  
IMPROVEMENTS

130 MAIN STREET, PATERSON, N. J.

ESTABLISHED 1848

# MUZZY BROTHERS NOVELTIES *AND* SPECIALTIES FOR 1910

## NEW FORDHOOK BUSH LIMA BEAN

The only stiffly erect Bush form of the Potato Lima! Both pods and beans are twice the size of Dreer's and more than half again as large as the Challenger Pole Lima.

**FORDHOOK BUSH LIMA** is altogether unique. Nothing like it has ever been seen before! It was created by Nature as a single sport in a field of the Challenger Pole Lima in 1903. Until now the Kumerle or Dreer's Bush Lima has been the only dwarf form of the fat "Potato Lima." An objection to this, however, is found in the prostrate growth of the plant, the pods frequently becoming discolored from being beaten to the ground by wind or rain.

**FORDHOOK BUSH LIMA** is positively upright in growth. The strong, erect bushes withstand both whipping rains and high winds. The main stalk is stiffly erect, from two to two and one-half feet high, and from this is thrown out a great number of lateral branches, closely resembling Burpee's Bush Lima in this habit of growth. The foliage is much heavier than Dreer's; the leaf is broader, resembling that of a large Pole Lima, of heavy texture and dark green in color, while the pods are borne along stalks thrown out from the lateral and main stalks in "clusters" of from four to eight. The pods resemble Dreer's but are much larger, measuring from four to five and one-half inches long, one and one-eighth to one and one-quarter inches wide, by as much as three-quarters of an inch thick.

**FORDHOOK BUSH LIMA** is fully twenty-five to thirty-three and one-third per cent. a heavier cropper. Both the green and the dried beans, as compared with Dreer's, are truly enormous, being more than double the size. On one bush we counted fifty-two pods, the majority containing four beans, while a large number contained five. In a selected plant of Dreer's there were not nearly so many well-formed pods, while a number contained only two small beans. The flavor of the green beans is all that can be desired in this chubby or potato lima type, which is given such preference on the New York markets. Being more productive, and of upright growth, with larger, handsomer pods and from four to six days earlier, it is bound to entirely displace the Kumerle (Dreer's or Thorburn) Bush Lima.

Seed from **ORIGINATOR'S STOCK**, per pkt., 15c.; pt., 40c., by mail, postpaid; by freight or express, pt., 30c., qt., 45c.; 2 qts., 80c.; 4 qts., \$1.50; peck, \$2.75; bush., \$10.00.

### WHAT OTHERS SAY OF FORDHOOK LIMA BUSH

#### FORDHOOK BEYOND COMPARISON

Charles E. Brown, Lyndenville, N. Y., writes, October 2, 1909:— "Your New Fordhook Bush Lima Beans are beyond comparison in size, quality and productiveness; all other seeds you sent me were excellent."

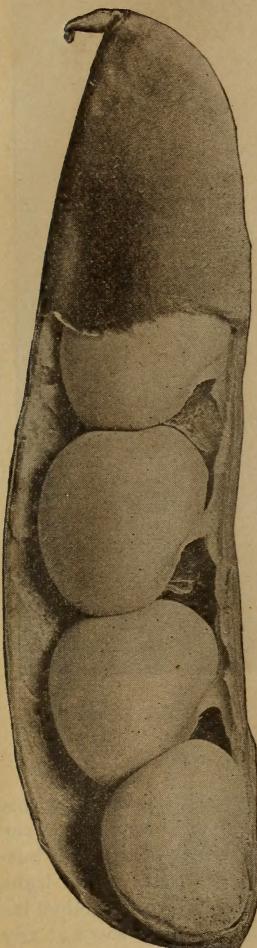
#### THE FINEST EVER SEEN OR GROWN

H. Johnson, Waycross, Ga., writes, August 21, 1909:—"Your Fordhook Bush Lima Beans are the finest I have ever planted and every one here pronounces it the finest Lima Bean they have ever seen or grown."

## JOHNSON'S THUNDERHEAD CABBAGE

A new second early and main crop cabbage, offered last season for the first time.

For many years the finest cabbage as well as the best cabbage seed grown in America comes from the eastern end of Long Island. Hundreds of growers there depend entirely on their crops of cabbage, dozens of whom have their own varieties or strains selected by themselves. By keeping in touch with these growers, we have secured seed stock of several new and distinct sorts by offering tempting and fabulous prices for our stock seed. We believe in the New Thunderhead we have the very best second early and one of the best main crop cabbages ever sent out, and we want every cabbage grower, who has not done so, to give it a trial, but regret the supply of seed is so limited this season that we cannot sell more than 1 lb. to any one customer. Prices for 1910; pkt., 15c.; oz., 50c.; 2 ozs., 85c.; 1 lb., \$1.50; lb., \$5.50.



## New Long-Keeping Celery JOHNSON'S MANHATTAN

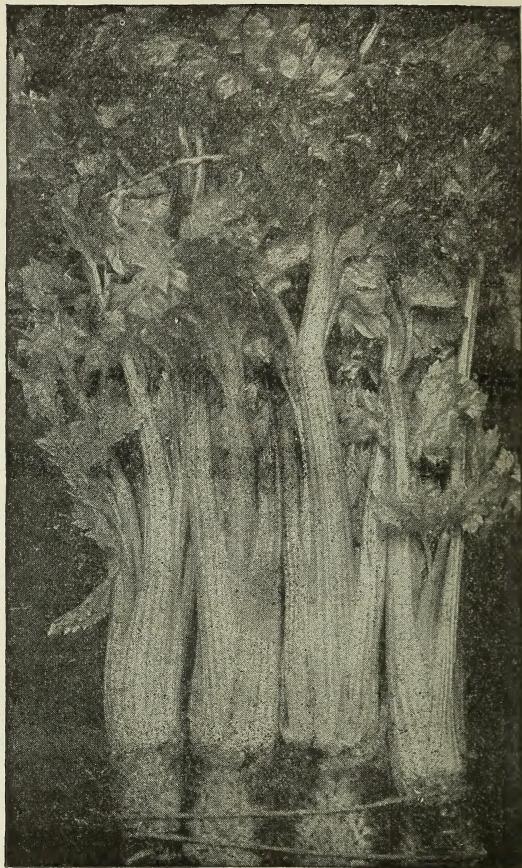
This is no doubt the finest type of late winter keeping celery ever offered, even surpassing in this respect our famous Winter Queen Celery. Our attention was first called to it in New York markets two years ago, and upon investigation we learned the name of the grower on Long Island and secured from him, at high cost, a few ounces of seed, from which our present supply is grown. It is the heaviest green celery, full hearted, very solid and crisp. Pkt., 15c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

### What a Large Michigan Celery Grower Says:

H. L. Harris, Newberry, Mich., writes:—"All the celery seed purchased from you gave finest results, especially the 'New Columbia,' which I consider a wonderful variety for market and keeping."

### From a Prominent Ohio Celery Grower

J. E. Uebelhart, Canton, Ohio, writes:—"Johnson's Manhattan and your New Columbia Celery are the best fall and winter celery I have grown in twenty years; both are of very stocky growth, have a fine flavor, and if bleached properly looks as pretty as a picture. Thanks for the fine quality of all seed I received from you."



JOHNSON'S MANHATTAN.—TRIMMED FOR MARKET

## HOLYROOD HOT-WEATHER LETTUCE



HOLYROOD HOT-WEATHER LETTUCE

Hundreds of letters from customers all agree that this is the most remarkable heat resister they have ever grown, standing longer than any other of the rich butter varieties. Heads are large, firm and solid; light green outside, blanching to a beautiful cream yellow inside; unusually tender and crisp. Can be sown at any season of the year.

Pkt., 15c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

### BEST SUMMER HEADER

Erwin Church, Ellsworth, Mich.—"Holyrood is the best summer heading lettuce that I have ever seen, standing extreme heat better than any known variety."

### BEST HE EVER RAISED

J. I. Cleveland, Fall River, Mass.—"We had the driest season I remember, yet your New Holyrood Lettuce flourished and proved to be the best I ever raised."

### WITHSTANDS HEAT

S. Forster, Hartford, Conn., writes:—"Holyrood withstands heat and drought better than any other lettuce. Out of 9,000 heads only 10 went to seed."

## JOHNSON'S NORTHMOUNT EGG PLANT

This fine new variety is the result of selection of the very earliest and finest fruits of the celebrated "Black Beauty." It is, beyond question, the earliest and hardiest of all **Large Smooth Purple Egg Plants**. While the fruits are not always quite as large as Black Beauty, it ripens fully ten days earlier and is suited to more northern climates.

The plants branch freely near the ground and grow in well-rounded bushes. The fruits are thick, of most attractive shape, and in color a lustrous purplish black. This coloring is uniform over the whole fruit, and does not fade at the blossom end, as do so many of the older varieties.

Prices, per pkt., 20c.; 4 pkts., 60c.;  $\frac{1}{2}$  oz., 75c.; oz., \$1.25;  $\frac{1}{4}$  lb., \$4.00.

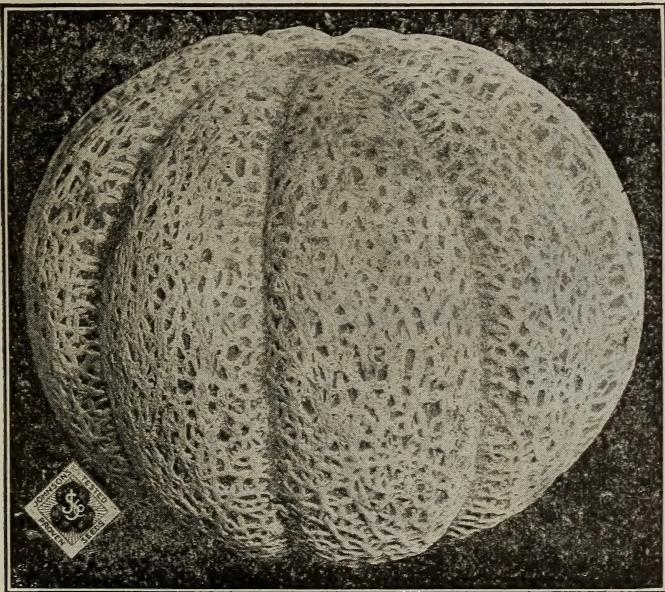
### WHAT OTHERS WRITE:

"Northmount just as advertised. First Eggs picked July 2 brought \$2.50 per dozen."—Jesse G. Evans, Wood's Cross, Utah.

"Three weeks ahead of all other Egg Plants; the earliest and finest I ever raised."—E. H. Banque, Topeka, Kan.

"All that can be desired. Northmount a sure success for market growers."—J. Graham, Anthony, Fla.

"Northmount vines just loaded with fruit, many weighing 4 lbs. each."—A. B. Leigh, Meadows, N. J.



## JOHNSON'S DREAMWOLD--The Most Profitable Muskmelon

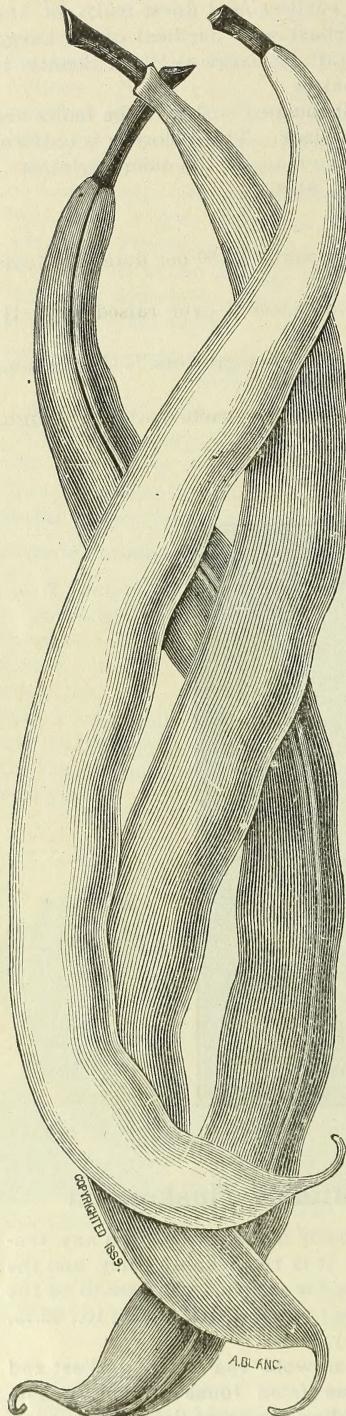
Of the type of our Improved Shippers' Delight, but more densely netted, free from any tendency to knob at the blossom end and ripens **two weeks earlier**. It is remarkably early, and the quality of its thick, green flesh is simply perfection. If you grow for market and want to be the first with fine melons, plant **Johnson's Dreamwold**. Per pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

**Cumming Brothers**, the noted melon growers of South Jersey, write:

"After two years' experience, we consider Johnson's Dreamwold the finest, earliest and most profitable melon we have ever grown. The vines are free from louse or fungus. The last setting matured and were marketed in October, always holding the same delicious quality, uniform size and productiveness, as the earliest or first setting."

## BURPEE'S UNIQUE NEW BUSH BEAN FOR 1910

### A White-Seeded Stringless Green-Pod



Now first introduced for advance trials, in connection with interesting Special Prizes.

This is undoubtedly the best green-podded bush bean yet produced! The original Burpee's Stringless Green-Pod, so long famous as unequaled, matures from three to five days earlier, however, and for first-early will probably still remain as popular as ever. For gardeners to whom a few days do not matter, **Burpee's New White-Seeded Stringless Green-Pod** will prove, without question, under severe test, to be the **"very best of all."**

The bushes attain a height of eighteen to twenty inches, are very vigorous and their prolific character is immediately noticed when one separates the foliage at the top. The leaves are of a bright dark green, quite heavy, but not over abundant, so that the strength of the plant is concentrated upon the production of an enormous crop of handsome pods. The pods measure from five and one-half to six and one-half inches long; they are one-half inch wide and one-half inch thick—so full and fleshy that they are almost perfectly round. They are brittle, juicy, entirely free from fibre and absolutely stringless at all stages of growth. The handsome light green pods will immediately attract all who desire both quality and quantity. The seed being white, can be used for dried beans in the winter. Most gardeners who grow this unusual Novelty in 1910, will surely want to save all the seed for planting in 1911—and it will pay to do so, as it must take several years before we can "work up" sufficient stock to offer at a moderate price. Sold only in sealed packets, each containing thirty beans. **Per Pkt. 15 cts.**

## BURPEE'S DANISH

### "ROUNDHEAD" CABBAGE

An Earlier Shorter Stemmed Type of the Famous Danish "Ballhead."

Of more robust growth, the heads are heavier and of (equally fine quality. The original Danish Ballhead Cabbage first introduced by us twenty-three years ago) is esteemed for the extreme solidity and great weight of the heads as well as for its superior keeping qualities, but it can be grown most successively only in a comparatively cool location.

Danish "Roundhead" has less outer foliage and is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. Crop short. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 45 cts.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

# MUZZY BROTHERS ANNUAL SEED CATALOGUE FOR 1910

Muzzy Brothers give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

## ARTICHOKE.

German, Artichoke; French, Artichaut; Spanish, Albachofa.

**French Globe.**

The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. **A bed will continue bearing for several years.**

**Jerusalem Artichoke, Tubers.**

	Per oz.	1 lb.	Per lb.
		\$0 35	1 00
			\$3 00

## ASPARAGUS.

German, Spargel; French, Asperge; Spanish, Esparrago.

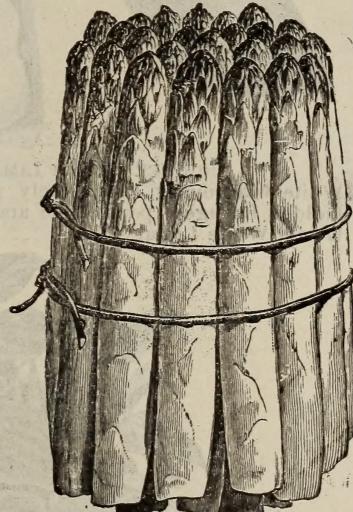
Per oz.  $\frac{1}{4}$  lb. Per lb.

Columbia, producing pure white shoots	\$0 10	\$0 20	\$0 60
Conover's Colossal	10	20	50
Palmetto, a light green variety	10	20	50
	Per 100	Per 1000	
Roots, Colossal, Two years old.	\$0 80	\$6 00	
" Palmetto, " " " "	80	6 00	
" Columbia, " " " "	1 00	7 00	

Sow the seed early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds, which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

"Plant on sand soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of Corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use, set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other which will allow the use of a horse and cultivator to keep the weeds under.



CONOVER'S COLOSSAL ASPARAGUS.

## BEANS.

English or Broad.

German, Gartenbohne; French, Feve de Marais; Spanish, Hava.

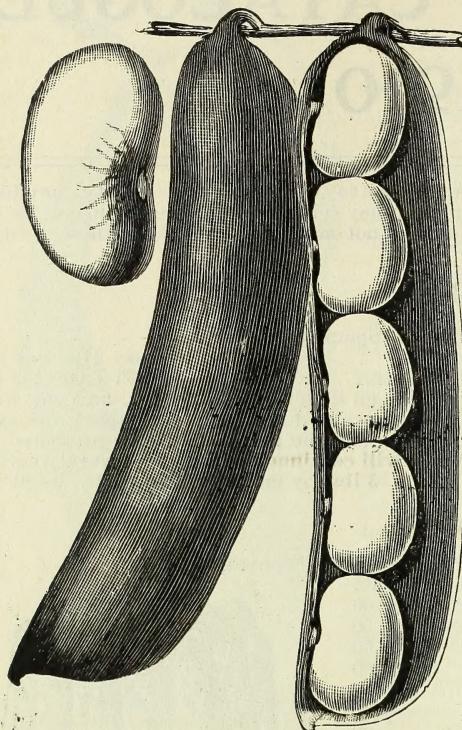
Early Mazagan, prolific, very early	Per pt.	Per peck
Broad Windsor	\$0 30	\$1 50
Sword Long-Pod	30	1 50

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and two inches deep, in drills four feet apart. To insure well-filled pods, pinch off the top as soon as the lower pods begin to set.

## BEANS-Bush or Snap Varieties.

German, Bushbohnen; French, Haricots nains; Spanish, Habichuelas enanas.

**Burpee's White Seeded**, stringless, green pod. (See novelties) 15 cts. pkt.



BURPEE'S BUSH LIMA

**White Marrowfat**, extensively grown for sale in the dry state. Per qt.  $\frac{1}{2}$  pk. per pk. per bu.  
**Golden Refugee**, pods round and light color ..... \$0 25 \$0 75 \$1 25 \$4 50  
**Dwarf White Lima**, ..... 30 1 00 1 75 6 00

35 1 25 2 00 7 50

**Black Valentine**, long, round, green, solid pod, very early. qt. 35 cts.  $\frac{1}{2}$  pk. \$1 25 pk. \$2 bu \$7.  
**Early Valentine**, early, productive, tender and of excellent flavor. qt. 30 cts.  $\frac{1}{2}$  pk. \$1. pk. 1 75 bu \$6.  
**Livingstone's Round Pod Six Weeks Bean**, qt. 30 cts.  $\frac{1}{2}$  pk. 80c. pk. 1 50 bu. 5 00  
**Muzzy's Stringless Green Pod**, the best stringless bean grown. Ten days to two weeks earlier than Valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive. qt. 35 cts.  $\frac{1}{2}$  pk. 1 25 pk. 2 00 bu. 7 00  
**Early Mohawk**, very productive and of good quality. qt. 30 cts.  $\frac{1}{2}$  pk. 1 00 pk. 1 75 bu. 6 00  
**Long Yellow Six-Weeks** early, excellent variety for general crop, qt. 30 cts.  $\frac{1}{2}$  pk. 85c. pk. 1 50 bu. 5 50  
**Fulmers Forcing**, Fine dwarf forcing variety. quart 50 cents.  
**Extra Early Refugee**, similar to late Refugee, pods two weeks earlier. qt. 30 cts.  $\frac{1}{2}$  pk. 1 00 pk. 1 75 bu. 6 00  
**Refugee, or Thousand to One**, very early and prolific. The pods are round and full, stringless and of fine quality. qt. 30 cts.  $\frac{1}{2}$  pk. 1 00 pk. 1 50 bu. 5 50.  
**Burpee's Bush Lima**. Beans as large as Large Pole Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans. qt. 35 cts.  $\frac{1}{2}$  pk. 1 25 pk. 2 00 bu. 7 00.  
**Long White Kidney**, excellent as a shell bean, green or ripe. pt. 25 cts.  $\frac{1}{2}$  pk. 75c. pk. 1 25 bu. 4 50.  
**Fordhook Bush Lima**, (See novelties) Pkt 15 cts. pt. 30c. qt. 45c.  $\frac{1}{2}$  pk. 80c.  $\frac{1}{2}$  pk. 1 50.



MUZZY STRINGLESS GREEN POD

## DWARF WAX VARIETIES.

	Per qt.	½ pk.	per pk.	per bu.
<b>Refugee Wax, Stringless</b> , good for early or late, immense yielder.	\$0 35	\$1 25	\$2 00	\$7 00
<b>Golden Eyed Wax</b> , very early, prolific, free from rust.	30	1 00	1 75	6 00
<b>Saddleback Wax</b> , long straight pods, round, golden yellow stringless	35	1 25	2 00	7 00
<b>Wardell's Kidney Wax</b> , extra early, long flat pods, very productive.	30	1 00	1 75	6 00
<b>Black Wax or Butter Improved</b> , very early and prolific. The pods are round, full, stringless; of very fine quality.	35	1 25	2 00	7 00
<b>Davis' White Wax</b> , beans pure white, pods yellow, flat, tender, rich,	35	1 25	2 00	7 00
<b>Golden Wax</b> , This valuable variety is about ten days earlier than the Black Wax, pods large, long, semi-round, brittle, stringless.	30	1 25	1 75	6 00
<b>Yosemite Mammoth Wax</b> , the largest pods of all wax varieties	60			
<b>Hudson Wax</b> , very large, tender, pods stringless, very productive.	30	1 00	1 75	6 00
<b>Detroit Wax</b> , similar to Golden Wax, less rust.	35	1 25	2 00	7 00
<b>White Wax</b> , stringless, round pods, beans pure white, strong grower	50			

## BEANS, Pole or Running Varieties.

German, Slaugenhohnen; French, Haricots a rames; Spanish, Judlos.				
<b>Challenger Lima</b> , potato variety, five and six in a pod.	35	1 25	2 00	7 00
<b>King of Garden Lima</b> , vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop.	35	1 25	2 00	6 50
<b>New Early Jersey</b> , very early.	35	1 25	2 00	6 50
<b>Large White Lima</b> , a greatly esteemed variety.	35	1 25	2 00	6 50
<b>Kentucky Wonder</b> , or <b>Old Homestead Extra Early</b> , pods flat, long tender and good flavor, very productive.	35	1 25	2 00	6 50
<b>New Lazy Wife</b> , long green pods, good quality, white beans.	35	1 25	2 00	7 50
<b>Dutch Case Knife</b> , a very productive variety, and one of the earliest	30	1 00	1 75	6 00
<b>Horticultural or Speckled Cranberry</b> , a popular variety for private use, equally serviceable in the green state or when shelled.	30	1 00	1 75	6 00
<b>Scarlet Runner</b> , beautiful scarlet flowers; for ornamental and table use.	35	1 25	2 00	6 50
<b>Black Wax</b> , pods long thick and fleshy; pale yellow color; waxy appearance; very productive and tender; excellent as a snap or shelled green.	35	1 25	2 00	7 00
<b>Early Golden Cluster</b> , bright yellow pods, stringless, in clusters.	35	1 25	2 00	7 50
<b>Yard Long French</b> , pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea brush. Pkg. of 1 gill 20 cents.				

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drills; cover two inches or less; for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way; set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four. A quart of Limas is sufficient for 75 or 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

## BEETS.

German, Runkelrub; French, Bourrache; Spanish, Remolacha.



DEWING'S EARLY BLOOD TURNIP BEET

	Per oz.	½ lb.	Per lb.
<b>Detroit Dark Red</b> , a splendid beet for market or home use, of a deep color, tender and of delicate flavor.	\$0 10	\$0 25	\$0 75
<b>Dark Red Egyptian</b> , the earliest beet in cultivation, color deep crimson; of excellent quality.	10	20	60

## BEETS-Continued.

	Per oz.	1/4 lb.	Per lb.
<b>Extra Early Eclipse</b> , very early, good size.	\$0 10	\$0 20	\$0 60
<b>Early Flat Bassano</b> , chiefly valuable for its earliness.	10	20	60
<b>Early Blood Turnip</b> , standard early sort, an excellent variety.	10	20	60
<b>Edmand</b> , market garden variety, uniform shape, dark.	10	25	70
<b>Dewing's Blood Turnip</b> , of fine form and flavor.	10	25	75
<b>Long Smooth Blood Red</b> , an excellent late variety.	10	20	60
<b>Swiss Chard</b> , used for its leaves, which are cooked as spinach.	10	20	50

## MANGEL-WURZEL AND SUGAR.

Varieties used for feeding stock. Sow 6 lbs. per acre.

	10	15	35
<b>Mammoth Red Mangel-Wurzel</b> , producing roots of mammoth size, very regular, and with a small top. 10 lbs. and over, 25¢ lb.	10	15	35
<b>Yellow Globe Mangel-Wurzel</b> , roots very large and globular. 10 lbs. 25¢ lb.	10	15	35
<b>Long Yellow Mangel-Wurzel</b> , good for general crop. 10 lbs. at 25¢ lb.	10	15	40
<b>Golden Tankard Mangel-Wurzel</b> , a new and very valuable variety of fine form and of sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet. 10 lbs. at 30¢ lb.	10	15	40
<b>White Silesian Sugar Beet</b> , extensively grown for feeding stock and manufacture of sugar.	10	15	30
<b>Vilmorin's Improved Sugar Beet</b> , an improved variety.	10	15	30
<b>Lane's Improved Sugar Beet</b> , improved variety of the French Sugar Beet obtained by careful selection in this country. 10 lbs. at 25¢ lb.	10	15	30

A rich, deep open soil is the best suited to the culture of Beets; fresh manure is undesirable, but land that has been well manured the previous year is highly suitable, for an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand, in the cellar or outhouse. Before storing, leaves and fibres must be cut off, but care must be taken not to bruise the main root.

## BORAGE.

German, Borritch; French, Bourrache; Spanish, Berraja.

	Per oz.	1/4 lb.	Per lb.
<b>Borage</b> , used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks.	\$0 10	\$0 30	\$0 90
Bees are very partial to the flower.			

## BROCCOLI.

German, Spragel Kohl; French, Chou Brocoli; Spanish, Brocoli.

	Per oz.	1/4 lb.	Per lb.
<b>Early White</b> , heads medium size, compact, creamy white color, most certain to head.	\$0 20	\$0 60	\$2 00
<b>Purple Cape</b> , differing from the preceding color, greenish purple,	35	1 00	3 50
<b>White Cape</b> ,	45	1 50	5 00
<b>Mammoth White</b> ,	35	1 00	3 50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May, and transplanted in June, farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

## BRUSSELS SPROUTS.

German, Sprossen-Kohl; French, Chou de Bruxells; Spanish, Breza de Brusels.

	Per oz.	1/4 lb.	Per lb.
<b>Improved Seed</b> , (French) half dwarf.	0 20	\$0 50	\$1 50
<b>Dwarf Improved</b> , a variety producing compact sprouts of excellent quality	20	60	2 00

A tender delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves, which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May, transplant and cultivate like cabbage.

**CABBAGE.**

German, Kopfkohl; French, Chou; Spanish, Berza de repollo.



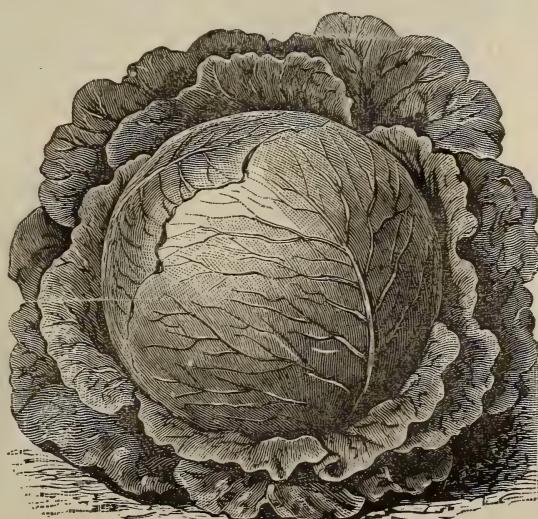
SELECTED LATE FLAT DUTCH CABBAGE

	Per. oz.	½ lb.	Per lb.
<b>All Seasons</b> , fine variety, for second early or late growing good size.....	\$0 20	\$0 60	\$2 00
<b>Etampes</b> , early French variety, with pointed heads	20	50	1 50
<b>Baseball</b> , Early, The finest early all head Cabbage.....	30	85	3 00
<b>Early Jersey Wakefield</b> , the leading variety for market, very early, of medium size, good quality, sure to head.....	35	1 00	3 00
<b>Early Flat Dutch</b> , This is one of the best early cabbages in cultivation.....	20	60	2 00
<b>Early Summer</b> , a valuable early sort resembling the Early Flat Dutch	20	60	2 00
<b>Early Winnigstadt</b> , heads large, one of the best for general use.....	15	40	1 25
<b>Large York</b> . Larger and later than the Early York.....	15	40	1 25
<b>Fottler's Improved Brunswick</b> , This is the very fine second early variety.....	20	60	2 00
<b>Henderson's Succession</b> , a second early and late variety, a sure header; seeds sown in March produce large heads in June.....	25	75	2 50
<b>Danish Ballhead</b> , large, round, solid heads; sweet and crisp, sure header	30	1 00	3 00
<b>Large Late Drumhead</b> , an excellent fall and winter variety, grows to a large size.....	20	60	1 75
<b>Large Late Flat Dutch</b> , the most popular variety for late cultivation.....	20	60	2 00
<b>Red Stone Head</b> , used almost exclusively for pickling.....	25	75	2 50
<b>Drumhead Savoy (American)</b> , the largest heading sort, of excellent flavor.....	20	60	2 00

**Burpee's Danish Round Head Cabbage,**  
(See novelties) Pkt. 15 ct. ½ oz. 25c. 1 oz.  
45c. ½ lb. \$1 25.

**Johnson's Thunderhead**, (See novelties).  
Pkt. 15 ets. 1 oz. 50c ½ lb. \$1 50.

For very early use plant in the autumn, from 10th. to 25th. September, in a seed-bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as soon as the soil will admit. For autumn and winter use, plant in the seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hotbed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.



DANISH BALL HEAD.

## CARROT.

German, Moehren; French, Carotte; Spanish, Zanah.

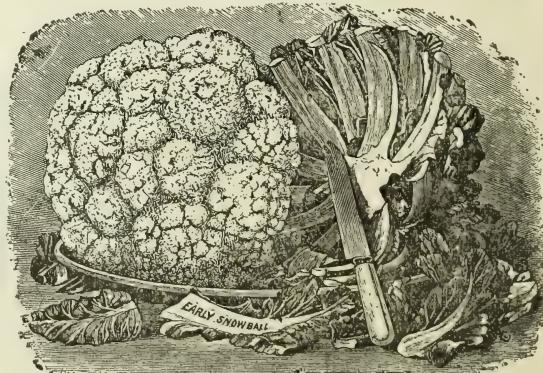
	Per. oz. $\frac{1}{4}$ lb. Per lb.
<b>Early French Forcing</b> , the earliest variety, valuable for forcing; root small and of fine flavor	\$0 15 \$0 40 \$1 25
<b>Early Round Parisian</b> , small for frames or open ground	15 40 1 25
<b>Early Scarlet Horn</b> , an old and favorite sort, much esteemed for early summer	10 30 90
<b>Half Long Danvers</b> , a variety intermediate in size and period of maturity between the preceding and the Long Orange	10 25 80
<b>Half Long Stump Rooted Chantenay</b> , like Nantes, broader shoulder	10 25 80
<b>Half Long Pointed</b>	10 30 1 00
<b>Half Long Stump Guarande or Oxheart</b>	10 30 1 00
<b>Half Long Stump Nantes</b>	10 30 1 00
<b>Carentan</b> , a new early variety without core. It is an excellent sort for forcing, or used as an early kind for planting in the open ground	15 30 1 00
<b>Long Orange Improved</b> , roots of large size, equally adapted for garden or farm culture	10 20 70
<b>Large White Belgian</b> , grown almost exclusively for stock	10 20 60



NANTES CARROT.

	Per pkt. Per oz. $\frac{1}{4}$ lb. Per lb.
<b>Extra Early Dwarf Erfurt</b> , short stem; fine	\$0 25 \$2 25
<b>Extra Early Paris</b> . This is one of the earliest and best varieties, heads large, white and compact, of fine quality	10 60 \$1 75 \$6 00
<b>Early Snowball</b> , admirably for forcing, very solid, pure white heads	25 2 25
<b>Large Early Dwarf Erfurt</b> , the earliest and best of all varieties	50 5 00
<b>Lenormand's Short-Stemmed</b> , a late variety, producing very large well-formed heads of superior quality	10 60 1 75 6 00
<b>Algiers</b> , popular late variety, sure to head, excellent for market	10 60 1 75 6 00
<b>Early London</b> ,	05 30 1 00 3 00

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.



SNOWBALL CAULIFLOWER.

## CELERY.

German, Seleri; French, Celerei; Spanish, Apih.

	Per oz.	1/4 lb.	Per lb.
<b>Johnson's Manhattan, (See novelties,)</b>	pkt 15 cts.	\$0 50	\$1 25
<b>Thorburn's Fin de Siecle</b>	20	60	2 00
<b>Rose Ribbed Self Blanching</b> , a sort of Golden Self-Blanching; very choice	35	1 00	3 00
<b>Evans' New Triumph</b> , solid and crisp, fine nutty flavor	20	55	1 75
<b>Giant Pascal</b> , stalks very large, thick and crisp	20	55	1 75
<b>Golden Self-Blanching</b> , similar to White Plume, much larger in growth	60	1 75	6 00
<b>Large Ribbed Kalamazoo</b> , half dwarf White, solid	20	55	1 75
<b>White Plume</b> , requires very little banking	25	75	2 50
<b>Pink Plume</b> , similar to White Plume, stalks tinged with pink, good keeper	25	75	2 50
<b>Perle Le Grande</b> , full Golder heart, good keeper	20	55	1 75
<b>Sandringham Dwarf White, Soup Celery</b> , an imported variety of fine flavor; soup greens	20	50	1 50
<b>Boston Market</b> , an excellent dwarf, growing white variety	20	50	1 75
<b>Covent Garden Rose</b> , Pink variety, good flavor	25	75	2 50
<b>Celery Seed for Flavoring</b>	05	10	25

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety. setting the plants about six inches apart and pressing the soil firmly about the roots.



## CELERICA.

### TURNIP ROOTED CELERY.

German, Knob-Seleri; French, Celeri Rave.

	Per oz.	1/4 lb.	Per lb.
<b>Erfurt</b> , for soups.	\$0 20	60	\$2 00
<b>Giant Prague</b> , for soups, etc. When sliced and cooked makes good winter salad.	20	60	2 00
<b>Apple</b> , small foliage	20	60	2 00



CELERIAC.

## CORN SALAD OR FETTICUS.

German, Ackersalat, Lammersalat; French, Mache; Spanish, Macha Valeneanilla.



CORN SALAD.

Large Seeded  
Lettuce Leaved  
Small Seeded

	Per oz.	1/4 lb.	Per lb.
	\$0 10	\$0 20	\$0 60
	10	30	1 00
	10	25	75

Corn Salad, Fetticus, or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over the same way as Spinach.

## CHICORY.

German, Chicorie; French, Chicoree Saur; Spanish, Escorola.

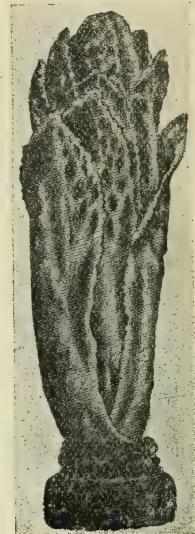
Per oz.  $\frac{1}{4}$  lb. Per lb.

**Common**, This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots which will come up soon from the "Barbe de Capucin."

**Large Rooted**, Used to mix with or a substitute for coffee. Cultivation same as the carrot.

**Witloof or French Endive**, See Endive.

	\$0 10	\$0 30	\$1 00
10	30	1 00	
15	40	1 25	



WITLOOF CHICORY

## CHEVRIL.

German, Bisenlauch; French, Cerfeuil; Spanish, Cerafolio.

**Curled**, 20 50 1 50

**Common or Tuberous Rooted**, 20 60 2 00

The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.

## CRESS.

German, Kress; French, Cressen; Spanish, Mastueroz.

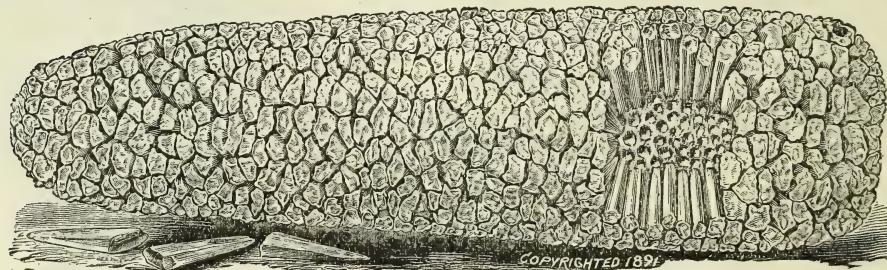
**Curled Cress or Peppergrass**, 10 20 50

**Water Cress**, 35 1 25 4 00

Are excellent for small salads; the leaves while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as Mustard.

## CORN. — Sweet.

German, Zucker Welshkorn; French, Maise de Sucre; Spanish, Maiz de Azucar.



COUNTRY GENTLEMAN SWEET CORN.

## EXTRA EARLY VARIETIES.

Per ear. 100 ears, Per qt,  $\frac{1}{4}$  pk. Per pk. Per bu.

**Golden Bantam Extra Early**, Yellow, very sweet and tender.

\$0 35 \$0 90 \$1 50 \$5 50

**Early White Cory**, Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs.

\$0 05 \$3 50 25 75 1 25 4 00

**Mammoth White Cory**, Ears double size of the old Cory.

25 75 1 25 4 50

**Perry's Hybrid**, very early and of large size; extra early.

05 3 50 25 75 1 25 4 00

**Early Minnesota**, very early; ears fairly sized and uniform, plant rather dwarf; one of the best early kinds; extra early.

05 \$3 50 25 75 1 25 4 00

**CORN—Continued,**  
**SECOND EARLY OR INTERMEDIATE.**

**Early Champion**, large ears, very sweet and productive.

The earliest large sort grown and fine for either home or market use..... \$0 05 \$3 75 \$0 25 \$0 75 \$1 25 \$4 00

**Early Mammoth**, large and not very late; general crop, Crosby's Early Sugar, early sorts; ears short, from 12 to 16 rows, second early..... 05 3 50 25 75 1 25 4 00

**Moore's Early Concord**, ears large and well filled from 12 to 20 rows; second early..... 05 4 00 25 75 1 25 4 50

**Early Evergreen**, a second early variety, resembling Evergreen; general crop..... 05 3 75 25 75 1 25 4 00

**Columbus Market**, large and for second early..... 05 4 00 25 75 1 25 4 00

**Triumph**, excellent medium early, large size, rich, sweet; good for market; general crop..... 05 4 00 52 75 1 25 4 00

**GENERAL CROP AND LATE.**

**Stowell's Evergreen**, a late variety, of excellent quality, remaining longer in the green state than any other; general crop..... 05 4 00 25 75 1 00 3 50

**Hickox Improved**, a new variety of superior excellence, is 12 rowed, straight and handsome; a superior market kind; general crop..... 05 4 00 25 75 1 25 4 00

**Mammoth Sugar**, a late variety of large size, very sweet and immensely productive. A leading variety..... 05 4 00 25 75 1 00 3 50

**Country Gentleman**, the sweetest and most tender of all sweet corn, late crop..... 05 4 00 25 75 1 25 4 00

**Moonachie or Sugar**, tender, sweet and productive; general crop..... 05 4 00 25 85 1 50 4 50

**Sweet Fodder**, for ensilage..... 05 4 00 20 60 1 00 3 00

Sweet Corn may be either sown in rows, four and a half feet apart, and the seeds planted at about eight inches in rows, or planted in the hills, at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or the richer the soil, the greater should be the distance apart. The first plantings in this vicinity are made about the middle of May, and successive plantings every two or three weeks until the first week in July. In more southern latitudes planting is begun a month earlier and continues a month later.

**FIELD CORN,**

	Qt. shelled	Per 100 ears	Bush. shelled
<b>Mastodon Dent</b> , very early, strong growing.....	\$0 15	\$2 00	\$2 00
<b>Pride of the North</b> , (Dent) very early.....	15	2 00	2 00
<b>Leading Yellow</b> , (Dent) early.....	15	2 00	2 00
<b>King Philip Early</b> , Red Kernels.....	20	2 00	2 00
<b>Champion White Pearl</b> .....	15	2 00	2 00
<b>Early Canada</b> , yellow kernels.....	20	2 00	2 25
<b>Large Yellow Flint</b> .....	20	2 00	2 25
<b>Large White Flint</b> .....	20	2 00	2 25
<b>Chester County Mammoth</b> , large, late yellow dent.....	15	3 00	2 00
<b>Southern Horse Tooth</b> , for fodder.....			(market price.)
<b>Sweet Fodder</b> .....			20 3 00
<b>Pop Corn</b> .....	per lb.	8c. per 100 lbs., \$4.50	

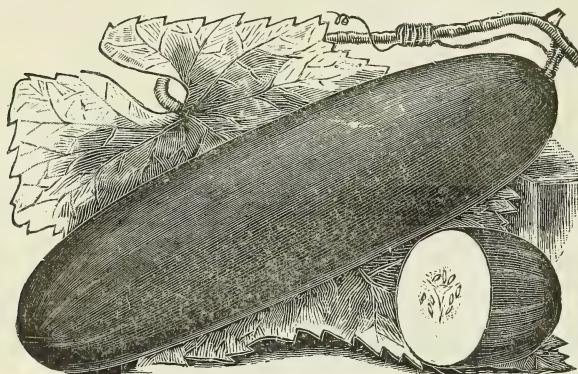
**CUCUMBER.**

German, Gurken; French, Concumbre; Spanish, Pepino.

	Per. oz.	1 lb.	Per lb.
<b>Cumberland</b> . The best pickling sort yet introduced, very handsome and productive, flesh fine but very crisp and tender.....	\$0 10	\$0 30	\$1 00
<b>Fordhook Pickling</b> . Prolific, medium size, skin thick.....	15	35	1 25
<b>Davis Perfect</b> , for forcing or outdoors, long and straight, valuable for slicing.....	20	50	1 50
<b>Cool and Crisp</b> , very prolific; good for pickling and productive.....	20	55	1 75
<b>Thorburn's Everbearing</b> , small size; very early.....	20	50	1 50
<b>Japanese Climbing</b> , can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor.....	15	35	1 25
<b>Nichols Medium Green</b> , a valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles anus de ful for forcing. Very prolific, fruit straight and smooth, color dark green, fresh, tender and crisp.....	10	30	1 00

## CUCUMBER—Continued.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Improved Early White Spine</b> , the best table variety: grows uniformly straight and smooth; dark green; tender and excellent flavored	\$0 10	\$0 30	\$1 00
<b>Peerless White Spine</b> , a new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature	10	30	1 00
<b>Tailby's Hybrid</b> , a cross between the Early White Spine and the English Frame variety, combining the hardness of the first with the beauty and size of the latter	15	35	1 25
<b>Early Green Cluster</b> , a short, prickly, slender variety, bearing in clusters near the root. It is a great bearer	10	30	1 00
<b>Early Short Green</b> , the standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well	10	30	1 00
<b>Long Green</b> , a very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp	15	40	1 25
<b>Green Prolific Pickling</b> , very prolific, and said by those who have tested it is equally desirable as a market Cucumber	15	40	1 25
<b>West Indian Gherkin or Burr</b> , a very small oval-shaped prickly variety. It is grown exclusively for pickling, and should always be pickled when young and tender	30	80	2 50



CUCUMBERS.

which time the prices are very renumerative. Sow seeds in November, December or January, according to the time they are wanted for market.

## DANDELION.

German, Pardelblume; French, Pisso en-lit; Spanish, Armagon.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Thick Leaved</b>	\$0 35	\$1 00	\$3 50
<b>Best French</b>	20	60	2 00
<b>Montmagny</b>	35	1 00	3 50

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.



DANDELION.

## ENDIVE OR CHICORY.

German, Endevien; French, Chicoree; Spanish, Endivia.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Green Curled Winter</b> , very hardy; leaves dark green tender and crisp	\$0 15	\$0 30	\$1 00
<b>Broad-leaved Batavian</b> , (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching	15	35	1 25
<b>Early White Curled</b> (Self-Blanching), the best variety; grows to a large size; very large and tender	15	35	1 25
<b>Moss Curled Early Summer</b> , used for salads same as winter varieties	15	35	1 25
<b>Witloff, or French Endive</b> , new	20	40	1 50

## ENDIVE OR CHICKORY—Continued.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special, soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the light and air.



GREEN CURLED ENDIVE.

## EGG PLANT.

German, Eicpflanze; French, Aupergine; Spanish, Bereinfienia.



NEW YORK EGG PLANT.

**Northmount Egg Plant**, (See Novelties). Pkg. 20c.,  $\frac{1}{2}$  oz. 75c., 1 oz. \$1.25. Per oz.  $\frac{1}{4}$  lb. Per lb.

**Pearl White**, very fine grain and well flavored. \$0 30. \$0 85. \$3 00  
(Per pkt., 10c.)

**New York Improved**, a superior market variety of large size and fine quality. 40 1 25 4 00

**Black Beauty Tendage**, earlier than N. Y. improved and as large, purplish black. 40 1 25 4 00

**Early Dwarf Purple**, medium size. 30 85 3 00

**Black Pekin**, a fine variety, bearing large round, deep purple fruits, fine grained and of superior quality. 40 1 25 4 00

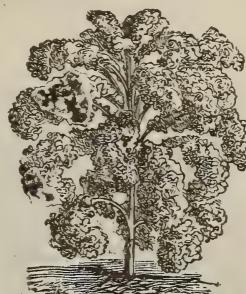
The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.

## KALE.

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

Per oz.  $\frac{1}{4}$  lb. Per lb.

	\$0 10	\$0 20	\$0 60
<b>Siberian German Greens or "Sprouts."</b> This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart, and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring.	10	30	1 00
<b>Dwarf Green Curled Scotch</b> , a beautifully fringed, dwarf growing kind, with bright green leaves.	10	30	1 00
<b>Tall Green Curled Scotch</b> , tall growing, very hardy variety, leaves a bright green, beautifully curled.	10	30	1 00
<b>Tall Brown German Curled</b> , a very hardy and useful variety.	10	30	1 00
<b>Dwarf Brown German Curled</b> .	10	30	1 00



KALE.

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

## SEA-KALE.

German, Seekohl, Meerkohl; French, Crambe Maritime; Spanish, Breton de Mar.

Per oz.  $\frac{1}{4}$  lb. Per lb.

**Sea-Kale Seeds**, very much like Celery

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart, three plants in each.



EARLY VIENNA  
KOHL-RABI.

## KOHL-RABI.

German, Kohl Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz.  $\frac{1}{4}$  lb. Per lb.

**Early White Vienna**, flesh white and tender; best market sort; good for table use

\$0 20 \$0 65 \$2 25

**Early Purple Vienna**, differing from the above in color, which is of a bluish purple

20 65 2 25

**Large White or Green**, large ball not so fine, but more productive

10 30 1 00

Kohl-Rabi, or Turnip-stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, and is very delicate and tender when young. It is very hardy, withstands severe draught, and is a good keeper. Cultivate the same as Cabbage, but in hoeing be careful not to throw dirt into the heart of the plant; or the bulb cannot form.

## LEEK.

German, Lauch; French, Poireau; Spanish, Puerro.

Per oz.  $\frac{1}{4}$  lb. Per lb.

**Large American Flag**, the kind mostly grown for market

\$0 15 \$0 30 \$1 00

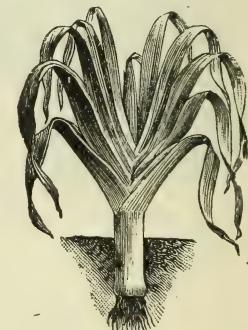
**Large Carenten**, a large-growing French variety or excellent quality

20 50 1 50

**Large Rouen**, very large and fine

20 50 1 50

The Leek is very hardy and easily cultivated: it succeeds best in a light, but well enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leaks are desired, the ground can hardly be made too rich.



LEEK.

German, Laitick; French, Laitue; Spanish, Lechuga.

**The Holyroad Hot Weather Lettuce**, (see novelties) Pkt. 55c. 1 oz. 40c.  $\frac{1}{4}$  lb. \$1.25

Per oz.  $\frac{1}{4}$  lb. Per lb.

**Thorburn's Maximum**; large and solid; heat resisting

\$6 20 \$0 50 \$1 50

**Thorburn's Market Garden**, private stock, solid, large heads

20 50 1 50

**Selected Buttercup**, yellow, solid heads for outdoor forcing

20 50 1 75

**Big Boston**, similar to Boston Market, double this size

20 50 1 75

**Grand Rapids Forcing**, large, tender heads

20 50 1 50

**Early Curled Simpson**, very early and an excellent sort for forcing; is largely grown by the market gardeners

15 35 1 25

**American Gathering**, twisted and curled leaves, fine for early or late

15 35 1 00

**Deacon**. This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich buttery flavor

15 35 1 25



WHITE PARIS COS.

## LETTUCE—Continued.

	Per oz.	1 lb.	Per lb.
	\$0 15	\$0 35	\$1 25
Denver Market, for forcing or open ground; large, solid heads.			
Tennis Ball (black seeded), well formed heads, hardy and crisp, one of the earliest of heading varieties.	15	35	1 25
Tennis Ball, or Boston (white seeded,) grows very compact, white and crisp, one of the best for forcing or the open ground.	15	35	1 25
Salamander Head, fine compact head, resists heat.	20	50	1 50
Black-Seed Butter, fine market strain.	20	50	1 50
Large White Cabbage, excellent for summer; heads of good size.	15	35	1 25
Black Seeded Simpson, stands the summer well.	15	35	1 25
Gray Seeded Butter, one of the best large heads.	15	35	1 25
Shotwell's Brown Head, large and handsome heads; hardy; standing summer heat without injury.	20	50	1 50
Boston Market, large solid heads, very fine for forcing, and of fine flavor.	20	50	1 50
New York Early Cabbage, large solid heads; inside white; very early.	20	50	1 50

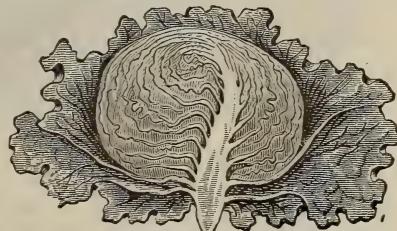
## ROMAINE OR COS VARIETIES.

Trianon Cos, the best of the Cos variety.	20	50	1 50
White Cos Romaine, sow early; tie up to blanch.	20	50	1 50
Golden Yellow Cos, long standing, large solid heads, crisp and tender.	20	50	1 50

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups.

It is easy of cultivation, but likes a good rich soil.

For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well, or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.



LARGE WHITE CABBAGE LETTUCE.

## MELON, MUSK.

German, Melone; French, Melon; Spanish, Melon Muscatel. Per oz. $\frac{1}{4}$ lb. Per lb.	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Johnson's Dreamwold (see Novelties), Pkg. 10c, 1 oz, 30c. $\frac{1}{4}$ lb. 75c.	\$0 20	\$0 60	\$2 00
Paul Rose, handsome, oval orange flesh, sweet.	30	1 00	3 00
Long Island Beauty, similar to Hackensack; very early.	20	50	1 50
Winter Pineapple, flesh light green color, flavor of pineapple, does not ripen on the vine.	20	50	1 50
Miller's Cream, or Osage, flesh a salmon color and very thick.	20	60	2 00
Golden Netted Gem, early, small, fine flavor.	20	50	1 50
Hackensack, variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor.	15	50	1 50
Montreal Market, green flesh, very thick; fine flavor.	20	60	2 00
Long Yellow Cantalope, yellow flesh; suitable for the market.	15	30	1 00



MUSK MELONS.

1 JENNY LIND, 2 CANTELOPE, 3 HACKENSACK, 4 ROCKY FORD.  
5 OSAGE OR MILLER'S CREAM.

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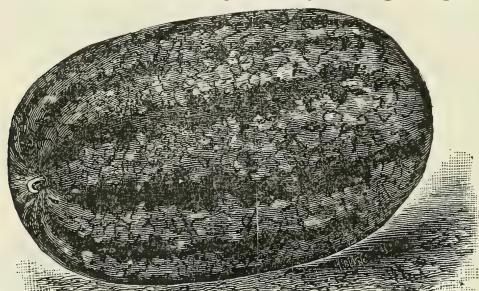
## MELON, MUSK-Continued.

thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up, thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously, thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

## MELON, WATER.

German, Wassermelone; French, Melon d' Eau; Spanish, Zaudia.

**Kolb's Gem**, nearly round, dark green  
**Seminole**, a new early variety. Long striped sort



IRON CLAD.

	Per oz.	1/4 lb.	Per lb.
<b>Pride of Georgia</b> , dark green, oval in shape; crisp and sweet; very large	10	25	75
<b>Scaly Bark</b> , thin rind; flesh light crimson	10	25	75
<b>Mountain Sweet</b> , one of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious	10	25	75
<b>Black Spanish</b> , shape round, rather small; skin dark green; flesh red, sweet, rich	10	25	75
<b>Phinney's Early</b> , flesh deep red, of a very superior quality; a valuable early market variety	10	25	75
<b>Cuban Queen</b> , solid and heavy	15	35	1 00
<b>Ice Cream</b> , (white seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid, crisp, excellent	10	25	75
<b>Rattlesnake</b> , very large, striped, red flesh variety	10	25	75
<b>Mammoth Iron-Clad</b> , long and large; thin skin, deep red flesh	10	25	75
<b>The "Boss,"</b> oblong; dark green	10	25	75
<b>Citron</b> , red seeded, round handsome fruit of small size, and used in the making of sweetmeats and preserves	10	25	75
<b>Citron</b> , (green seeded), used for preserves	10	25	75

Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

## MUSHROOMS.

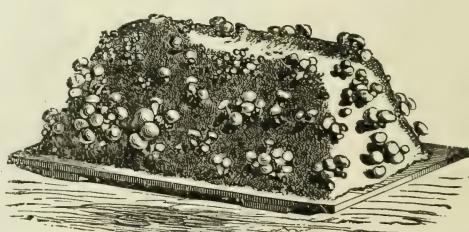
German, Chimpignonbrut; French, Champignon; Spanish, Hongo.

<b>Imported English Spawn</b> ,	15c. per lb.	10 lbs, \$1 00	100 lbs, \$9 00
<b>Imported French Spawn</b> ,		30c per lb.	10 lbs, 2 50

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse dropping add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet.

The most convenient size bed is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees,



MUSHROOMS.

## MUSTARD.

German, Senf; French, Moutarde; Spanish, Mostaga.

	Per oz.	1/4 lb.	Per lb.
White London, best of salads	\$0 05	\$0 10	\$0 25
Black, used for cooking and salads	05	10	25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf has appeared. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

## NASTURTIUM.

German, Nastrutian; French, Capusine; Spanish, Maranuela.

	Per oz.	1/4 lb.	Per lb.
Tall Scarlet	\$0 15	\$0 40	\$1 25
Tall Yellow	15	40	1 25
Tall Nasturtium, Mixed	10	25	75
Dwarf Nasturtium, Mixed	10	35	1 00

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers, which appear freely all summer, add a charm to the garden.

## ONION.

German, Zweibel; French, Wignon; Spanish; Cebolla,



	Per oz.	1/4 lb.	Per lb.
Early Red Flat, about ten days earlier than the Large Red, and not quite so large	\$0 20	\$0 65	\$2 25
Large Red Wethersfield, the staple variety of the Eastern onion growers; of large size; deep in color, and a good keeper	20	60	2 00
Yellow Globe Danvers, an excellent variety, mild flavor and very productive; ripens early and a good keeper	15	50	1 50
Prizetaker or Yellow Glode Spanish, immense size	20	65	2 25
White Portugal or Silver Skin, a handsome onion of mild flavor; extensively grown for pickling	35	1 00	3 00
Southport Red Globe, similar to the large Red in flavor and color, but quite distinct in form, being nearly globular	20	50	1 75
Southport White Globe, form nearly ovoid symmetrical, keeps well, is an excellent variety	30	1 00	3 00
Southport Yellow Globe, same as above, except in color	20	50	1 75
White Flat Bermuda, very early	25	80	2 75
Red Flat Bermuda, very early	25	80	2 75

## ITALIAN VARIETIES.

Adriatic Barletta, white, new variety, fully two weeks earlier than the queen	20	60	2 00
Early Queen, excellent variety, very early, a good keeper and mild flavor, white	20	60	2 00
Giant Rocca, a splendid large variety from Naples, of globular shape bright brown skin and delicate flavor	20	60	2 00

The onion thrives best in a rather strong, deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

## ONION SETS.

	Per qt.	Per $\frac{1}{2}$ pk.	Per pk.	Per bu.
White Onion Sets	\$0 25	\$0 75	\$1 25	\$4 50
Yellow Onion Sets	20	60	1 00	3 50
Red Onion Sets	20	60	1 00	3 50
Potato Onions	25	75	1 25	4 00
Shallots	30	1 00	1 50	5 00
Red Top Onions	25	75	1 25	

## OKRA OR GUMBO

German, Essbarer Safran; French, Gomo, Spanish Quibombo.



DWARF GREEN OKRA.

	Per oz.	Per $\frac{1}{2}$ lb.	Per lb.
Improved Dwarf White, long slender pods, very productive; only 14 in. high	\$0 10	\$0 20	\$0 50
Dwarf Green, early and productive	10	20	50
Long Green, fine long pods, very good	10	20	50
The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart			

## PARNIPS.

German, Pastinake; French, Panals; Spanish, Chirivia.

	Per oz.	Per $\frac{1}{2}$ lb.	Per lb.
Guernsey or Cup, leading variety	\$1 10	\$0 20	\$0 50
Long Smooth or Hollow Crown, long roots	10	20	50
Early Round	10	20	60

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

## PARSLEY.

German, Petersilie; French, Persil; Spanish, Perjil.

Per oz.  $\frac{1}{2}$  lb. Per lb.

Extra Double Curled, a fine dwarf variety, excellent for garnishing. \$0 10 \$0 20 \$0 60

Fern Leaves, the most beautiful form of Parsley, resembling crested fern or moss in its growth. 10 25 75

Plain Leaves, harder than the curled variety. 10 20 50

Moss Curled. 10 20 60

Hamburg, or Rooted, edible roots. 10 20 60

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate, should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seeds when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

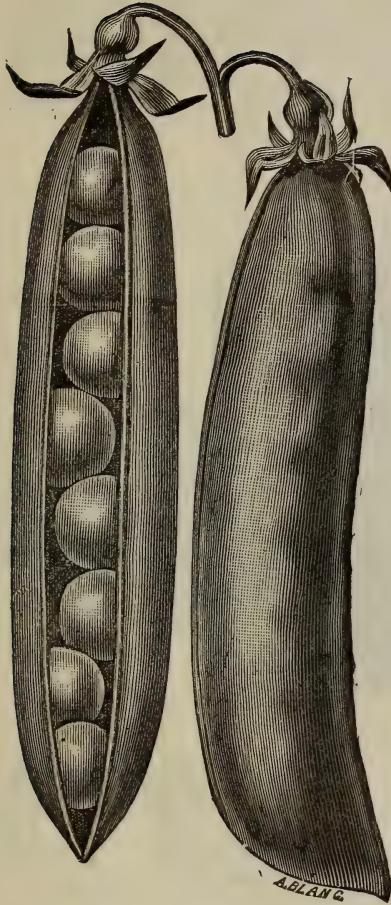


MOSS CURLED PARSLEY.

## PEAS.

German, Erbse; French, Pois; Spanish, Guisantes.

## XTRA EARLY VARIETIES.



	Per qt.	1/2 pk.	Per pk.	Per bu.
<b>Primo</b> , Very early, cross between Gradus and Early William. Pods same as Gradus but with this advantage much more prolific and harder. 25 cts. Per pkt.				
<b>Gradus or Prosperity</b> , earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height 3 ft-----	\$0 40	\$1 50	\$2 50	\$9 00
<b>Nott's Excelsior</b> , extra early dwarf wrinkled, pods larger than American Wonder, 1 foot-----	35	1 25	2 00	7 50
<b>American Wonder</b> , earliest wrinkled variety, 1½ feet-----	35	1 25	2 25	8 00
<b>Alaska</b> , very early and retain their color well, height 2½ feet-----	30	1 00	1 75	6 50
<b>First and Best</b> , one of the very best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet-----	30	1 00	1 75	6 00
<b>Little Gem</b> , a dwarf green wrinkled, Market, very prolific, of superior flavor, and a first early; 1½ feet-----	30	1 00	1 75	6 50
<b>Premium Gem</b> , a fine flavored dwarf, wrinkled variety; good copper and fine quality. Height 18 inches-----	30	1 00	1 75	6 50

## SECOND EARLY VARIETIES

<b>Heroine Medium Early</b> , green wrinkled, height 2½ feet-----	35	1 25	2 00	7 00
<b>Everbearing</b> , good size pea, long pod, height 2½ feet-----	30	1 00	1 75	6 50
<b>McLean's Advancer</b> , early				
green wrinkled varieties, delicious flavor, 2½ feet-----	35	1 25	2 00	7 00
<b>Pride of the Market</b> , very large pods, green peas, sow thin, height 2 feet-----	30	1 00	1 75	6 50
<b>Yorkshire Hero</b> , or dwarf champion-----	30	1 00	1 75	6 50
<b>Abundance</b> , 18 inches high, 6 to 8 peas in a pod, large and wrinkled	30	1 00	1 75	6 50

## GENERAL CROP

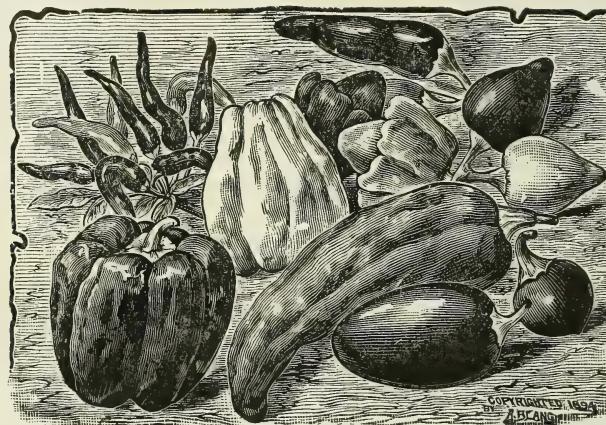
<b>Champion of England</b> , a popular wrinkled variety of delicious flavor; profuse bearer. Peas are very large, tender, height 5 ft.	35	1 25	2 00	7 00
<b>Telephone</b> . This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 ft-----	35	1 25	2 25	8 00
<b>Stratagem</b> , mammoth pods, well filled, height 1½ feet-----	40	1 25	2 25	8 00
<b>Black-Eyed Marrowfat</b> , grown for market, hardy, productive, 3 feet-----	25	75	1 25	4 00
<b>White Marrowfat</b> , an old favorite sort for market, 4 feet-----	25	75	1 25	4 00
<b>Tall Sugar</b> , edible pods, a fine flavored variety, can be used in the green state like string beans. height 5 feet-----	50	1 75	3 00	10 00
<b>Dwarf, Sugar</b> edible pods-----	35	1 25	2 00	7 00

## PEAS—Continued.

Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay, is best. For early crops decomposed leaves of leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities, for private use, they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by bush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

## PEPPER.

German, Pfeffer; French, Piment; Spanish, Pimiento.



PEPPERS,

	Per oz.	1/4 lb.	Per lb.
Ruby King, very large; bright red.....	\$0 25	\$0 65	\$2 25
Sweet Spanish, one of the largest mild and pleasant best for salads.....	25	65	2 25
Large Bell or Bull Nose, an early variety of mild flavor.....	25	65	2 25
Sweet Mountain, or Mammoth, of large size, best for mangoes.....	25	65	2 25
Chinese Giant, double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	40	1 25	4 00
Long Red Cayenne, used for Pepper sauces, very pungent.....	25	65	2 25
Long Yellow Cayenne, similar to long Red, except in color.....	30	80	3 00
Golden Queen Mammoth, large Golden Yellow Early.....	25	65	2 25
Chili, very piquant and prolific, fruit conical, bright scarlet.....	25	65	2 25
Oxheart, heart shaped, very fine, excellent for pickling.....	25	75	2 50
Golden Dawn Mango. This is a remarkably prolific Pepper of the Bell class of a magnificent golden color.....	25	75	2 50

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

## POTATOES.

German, Kartoffel; French, Pomme de Terre: Spanish, Petata.

Houlton Extra Sunlight, new. Very early, good yielder.....		Prices on application.
Noroton Beauty, extra early sort, very productive, uniform round shape.....		
Houlton Hebron, white skin, the most popular variety in cultivation.....		
Houlton Rose, the standard variety.....		
Houlton Early Queen. Early and productive.....		
Houlton Green Mountain, late variety, good keeper, white and mealy.....		

## POTATOES-Continued.

**Houlton Irish Cobbler.** A white potato of splendid quality, medium size, but run very evenly. Size strong and well developed, flesh white, mealy when cooked and of excellent flavor, very early, ripening before Early Queen. You will not be disappointed in this potato, which cannot be recommended too highly.

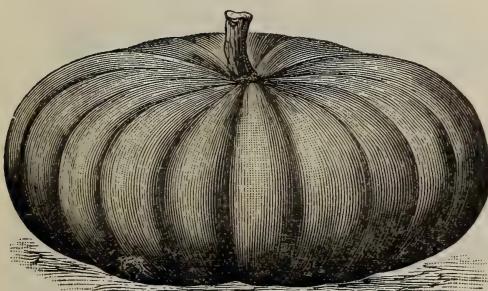
The foregoing varieties are grown for us at Houlton, Aroostock Co., Me., are the choicest stock ever offered. Coming from the extreme northern part of Maine, and raised without the aid of manure, causes them to have very strong eyes, and to be hardy and very smooth. Productiveness unsurpassed, The following are raised for us in Washington County, northern New York: **Thorburn**, very early, very productive-----| Prices on **Early Ohio**, a seeding of the Early Rose, ripening a week earlier, productive-----| application.



EXTRA EARLY SUNLIGHT POTATO.

## PUMPKIN.

German, Kuerbis; French, Courge; Spanish, Calabaz a Totanera.



CHEESE PUMPKIN.

**Tennessee Sweet Potato.** Bell shaped, thick, whiteflesh, nothing finer for pies-----

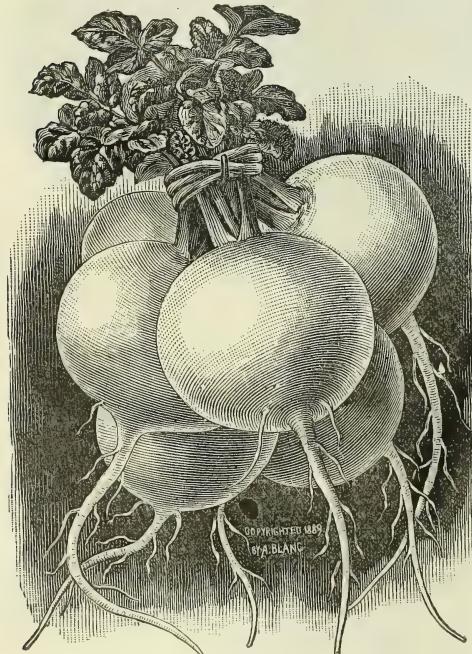
These are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

	Per oz.	1 lb.	Per lb.	
<b>Calhoun</b> , flesh wonderfully thick and fine grained, cooks very yellow-----	\$0	10	\$0	25 \$0 75
<b>Large Cheese</b> , the best variety, hardy and productive-----	10	20	60	
<b>Connecticut Field</b> , very productive, largely grown for feeding stock 20c. per quart, \$3.00 per bushel.	10	15	25	
<b>Mammoth King</b> , grows to an immense size-----	15	35	1 00	
<b>Small Sugar</b> , fruits medium size, of excellent keeping quality. Flesh very sweet-----	10	20	50	
<b>Cushaw</b> , salmon color, crooked neck-----	10	25	75	
	10	25	80	

## RADISH.

German, Retting, French Radis, Spanish, Robanitos.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
	\$0 10	\$0 20	\$0 60
<b>Vick's Scarlet Globe</b> , new, very fine.....			
<b>Early Scarlet Turnip</b> , the standard variety, of quick growth, mild and crisp when young.....	10	15	50
<b>Early Scarlet Turnip</b> , forcing variety, maturing in three weeks.....	10	20	50
<b>Early Scarlet Turnip</b> , white tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white a favorite for market gardeners Market gardeners price.....	10	15	50
10 lbs. at 35 c. lb.			
<b>Early Scarlet Turnip</b> , white tip, forcing.....	10	20	60
<b>Cooper's Sparkle</b> , Carmine-scarlet: white tipped, for forcing or open ground.....	10	20	60
<b>Olive Shape Deep Scarlet</b> .....	10	20	60
<b>French Breakfast</b> , of quick growth, very mild and tender, of oval form, color scarlet, tipped with white.....	10	20	60
<b>Long Scarlet</b> , one of the leading market kinds.....	10	20	50
<b>White Summer Turnip</b> , a summer variety of mild flavor.....	10	20	60
<b>Yellow Summer Turnip</b> , grows to a large size.....	10	20	60
<b>Rose China Winter</b> , flesh firm and piquant: excellent for winter use.....	10	20	50
<b>Black Spanish Winter</b> , long, one of the hardiest and best for winter use.....	10	20	60
<b>Black Spanish Winter</b> , round.....	10	20	60
<b>Giant Stuttgart</b> , Summer favorite, German sort.....	10	20	60
<b>California Mammoth White</b> , a giant white fleshed Fall Radish.....	10	25	75
<b>White Spanish</b> , long, rather milder than Black.....	10	25	75
<b>White Strasburg</b> , very large, German sort.....	10	20	60
<b>White Vienna or Lady Finger</b> , crisp and tender in summer.....	10	20	60



WHITE SUMMER TURNIP RADISH.

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in light rich soil. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

## RHUBARB.

German, Rabarber; French, Rhuperbe; Spanish, Ruibarbo.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
	\$0 15	0 40	1 25
<b>Linnaeus</b> , early, large and tender.....			
<b>Victoria</b> , very large, later than Linnaeus.....	15	40	1 25
<b>Roots</b> .....			15c each; 1.50 per dozen

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following spring, transplant into deep, rich soil, about three feet apart each way.

## SPINACH.

German, Spinat; French, Spinard; Spanish, Espinaca.

Special price on lots of 10 to 25 lbs.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
	0 10	0 15	0 25
<b>Long Standing, Round Leaved</b> -----			
<b>Flander's Round Leaved</b> , the variety commonly grown, good for spring or fall sowing-----	10	15	35
<b>Large Viroflay</b> , a new variety, with leaves much larger and thicker than the old variety-----	10	15	25
<b>Victoria New</b> , dark green color, sow early-----	10	15	35
<b>Bloomsdale Savoy Leaved</b> , a large, curled, thick leaved variety, the market gardener's favorite-----	10	15	35
<b>Prickly</b> , prickly seeded, with triangular arrow-shaped leaves-----	10	15	35
<b>New Zealand</b> , produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light, rich soil-----	10	25	75

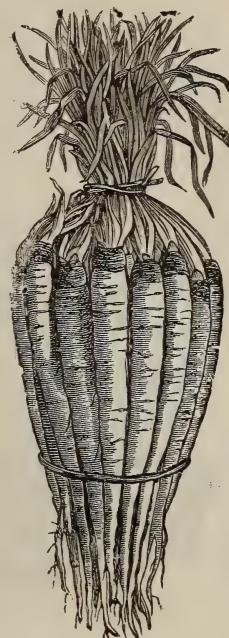
Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals during the season for succession.

## SALSIFY, OR OYSTER PLANT.

German, Bocksbart; French, Salsifis; Spanish, Salsifi.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
	0 20	0 50	1 50
<b>Long White French</b> -----			
<b>Mammoth Sandwich Island</b> -----	15	40	1 25

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.



SALSIFY.

## SQUASH.

German, Garten Kuerbiss; French, Courge; Spanish, Calabaza Bonetera.



WHITE BUSH SQUASH.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
	0 10	0 25	0 75
<b>Mammoth Summer</b>			
<b>Crookneck</b> , twice size of Summer Crookneck-----	0 10	0 25	0 75
<b>Fordhook Squash</b> , bright yellow, good keeper-----	10	20	75
<b>Early Golden Bush Scalloped</b> . True bush growth producing fruit ready for use early in the summer-----	10	25	75
<b>Early White Bush Scalloped</b> , a white variety of the above-----	10	25	75
<b>Summer Crookneck</b> , early, productive and of good quality-----	10	25	75
<b>Canada Winter Crookneck</b> , flesh close grained, sweet and fine flavored-----	10	25	75
<b>Boston Marrow</b> , a very valuable medium early variety, an excellent keeper and of superior quality-----	10	25	75

## SQUASH—Continued.

<b>Hubbard</b> , the best Winter Squash, fine grained, dry, keeps well and is of excellent flavor-----	15	35	1 00
<b>Mammoth Chili</b> , grows to a large size, often weighing two hundred pounds, excellent for stock-----	15	35	1 00
<b>Vegetable Marrow</b> . A favorite English sort, skin greenish-yellow, flesh white, soft and rich flavor-----	20	50	1 50

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hills for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants



SWISS CHARD.

## SWISS CHARD OR SILVER BEET.

This is a Beet producing leaves only, of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 10c  $\frac{1}{4}$  lb. 20c. lb. 50c.

## TOBACCO.

<b>Connecticut Seed Leaf</b> . This variety is best adapted to the climate of the Northern and Middle States-----	Per oz., 25c; $\frac{1}{4}$ lb., 75c; per lb., \$2.50
<b>Havana</b> , imported seed, Vuelto de Abbajo-----	Per oz., 45c; $\frac{1}{4}$ lb., \$1.50; per lb., \$4.50

## TOMATO.

German, Liebesapfel; French, Tomote; Spanish, Tomata.

Per oz.  $\frac{1}{4}$  lb. Per lb.

<b>Atlantic Prize</b> , extra early smooth, bright red, good size-----	\$0 25	\$0 75	\$2 50
<b>Earliana, Extra Early</b> . Bright red, smooth. It is claimed to be one of the earliest introduced, very productive-----	25	75	2 50
<b>Coreless Livingston's</b> , almost round, bright red, ripens all over at once, exceptionally free from green core.	40	1 25	4 50
<b>Livingston's Honor Bright</b> , solid, long keeping qualities	25	75	2 50
<b>Imperial</b> , very smooth, bright red color, good size-----	25	75	2 50
<b>New Buckeye State</b> , large size, similar to Livingston's Beauty, little darker in color-----	30	85	3 00
<b>Thorburn's Terra Cotta</b> , a cross between the Stone Peach and Ponderosa-----	25	75	2 50
<b>Ponderosa</b> . Very large and solid-----	40	1 25	4 00
<b>New Stone</b> , large and smooth-----	30	85	3 00



LIVINGSTON'S NEW CORELESS TOMATO.

## TOMATO—Continued.

	Per oz.	1/4 lb.	Per lb.
<b>Livingston's Perfection</b> , Very early round; smooth tough skin brilliant; solid and of rich flavor; ripening thoroughly. A favorite market variety...	\$0 25	\$0 75	\$2 50
<b>Ignotum</b> , early large and smooth...	25	75	2 50
<b>Livingston's Beauty</b> , large dark crimson, thick skin...	25	75	2 50
<b>Dwarf Champion</b> , resembles Acme, early...	30	85	3 00
<b>Acme</b> , a beautiful variety, fruit of medium size, form perfect and very smooth, ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a Tomato...	25	75	2 50
<b>Trophy</b> (selected), the leading variety for general cultivation, and when properly grown will give satisfaction. The seed we offer is carefully selected from pure stock...	25	75	2 50
<b>Golden Queen</b> . A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor...	25	75	2 20
<b>Yellow Plum</b> , used principally for pickling...	25	75	2 50
<b>Red Pear Shape</b> , used principally for preserving and pickling...	30	85	3 00
<b>Red Currant</b> , for preserves...	30	85	3 00
<b>Yellow Cherry</b> , similar to above, except in color...	25	75	2 50

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

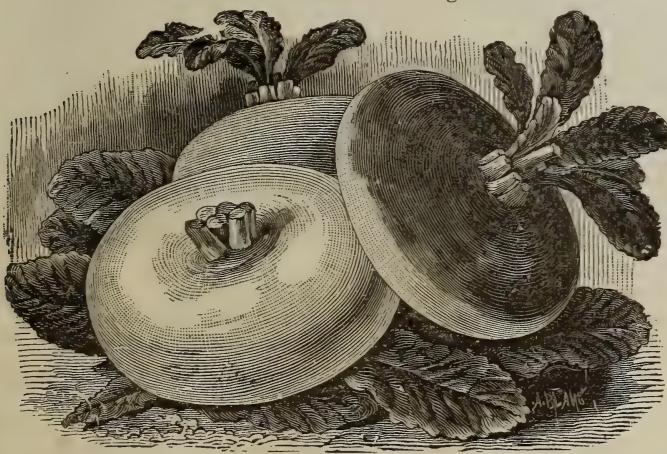
## TURNIP

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	1/4 lb.	Per lb.
<b>Milan</b> (purple top), the earliest of all...	\$0 10	\$0 20	\$0 60
<b>Purple Top Munich</b> , one of the earliest varieties...	10	20	50
<b>Early White Flat Dutch</b> , an early garden variety of medium variety size...	10	20	50
<b>Red Top Strap Leaf</b> . This and the preceding are the best two kinds for Spring sowing and for garden culture...	10	20	40
<b>Red Top White Globe</b> , very desirable, extensively grown for market...	10	20	50
<b>White Egg</b> , a new variety, beautiful shape; excellent table turnip...	10	20	60
<b>Yellow Globe</b> , one of the best for general crop, either for table use or stock...	10	20	50
<b>Yellow Stone</b> , a good globe-shaped Turnip, similar to the above...	10	20	50
<b>Golden Ball</b> , a table Turnip of quick growth, and unsurpassed quality...	10	20	50
<b>Long White or Cow Horn</b> , one of the best field Turnips, flesh fine grained...	10	20	50
<b>Yellow Aberdeen</b> , hardy and productive, largely grown for farm purposes...	10	20	50
<b>Large White Norfolk</b> , globe-shaped variety, one of the best for stock...	10	20	50
<b>Pomeranium White Globe</b> , very fine, white Globe variety, round and thick...	10	20	50
<b>German Tetlow</b> , small, early, fine grade sugary...	10	25	75

## RUTA BAGAS.

	10	20	50
<b>American Improved Purple Top</b> , the leading variety, of fine quality, valuable both for the table and for feeding stock...			



PURPLE TOP STRAP LEAF TURNIP

**Carter's Imperial Hardy Swede**, an English variety, highly recommended as producing enormous crops. Per oz., 10c;  $\frac{1}{4}$  lb., 20c; per lb., 60c.

**White or Sweet German**, a large, solid variety. Per oz., 10c;  $\frac{1}{4}$  oz., 20c; per lb., 50c.

**Laing's Improved**, globe-shaped, with small top and tap root. Per oz., 10c;  $\frac{1}{4}$  lb., 20c; per lb., 60c.

For spring crop, commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots to the depth of an inch or more, and give them a light dressing

## TURNIP—Continued

of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens, where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow to a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crop, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

## SWEET POT AND MEDICINAL HERB SEEDS.

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Per oz.
<b>Anise</b> ( <i>Pimpinella anisum</i> .) an annual, cultivated for its seed and its leaves, which are used for garnishing and for seasoning	\$0 10
<b>Balm</b> ( <i>Melissa officinalis</i> .) a hardy perennial, used for making balm tea and balm wine	25
<b>Basil, Sweet</b> ( <i>Ocimum basilicum</i> .) This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces	15
<b>Bene</b> ( <i>Sesamum orientale</i> )	10
<b>Borage</b> ( <i>Borage officinalis</i> .) hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers	10
<b>Caraway</b> ( <i>Carum cauri</i> .) hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavors to liquors	10
<b>Catnip</b> ( <i>Nepeta cataria</i> .) perennial	45
<b>Coriander</b> ( <i>Coraindrum salivum</i> .) an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine	10
<b>Dill</b> ( <i>Anethum graveolens</i> .) annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants	10
<b>Fennel</b> ( <i>Antehum foeniculum</i> .) hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces	15
<b>Horehound</b> ( <i>Marribium vulgare</i> ), hardy perennial, principally used for medicinal purposes	20
<b>Hyssop</b> ( <i>Hyssopus officinalis</i> .) hardy perennial, the leafy tops and flowers are used for making hyssop tea	20
<b>Lavender</b> ( <i>Lavandula spica</i> .) a popular aromatic herb	20
<b>Majorum, Sweet</b> ( <i>Origanum Majorana</i> .) for seasoning	15
<b>Opium Poppy</b> ( <i>Papaver somniferum</i> )	20
<b>Rosemary</b> ( <i>Rosmarinus officinalis</i> .) an aromatic herb	40
<b>Rue</b> ( <i>Ruta graveolens</i> .) used for medicinal purposes, also frequently given to fowls for the roup	30
<b>Saffron</b> ( <i>Carthamus tinctorius</i> )	15
<b>Sage</b> ( <i>Salvia officinalis</i> .) much used for flavoring various articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific causing profuse perspiration	15
<b>Summer Savory</b> ( <i>Satureia hortensis</i> .) annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups	15
<b>Sorrel, Broad Leaved</b> , used in salads	15
<b>Thyme, Broad Leaved English</b> , hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headache	50
<b>Tarragon, Roots</b> , each 50 cts.	20
<b>Tansy</b> ( <i>Tanacetum vulgaris</i> )	45
<b>Wormwood</b> ( <i>Antemesia abietinum</i> .) used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds	20

## MUZZY BROTHER'S CELEBRATED LAWN GRASS.

	1 qt.	2 qt.	4 qt.	8 qt.	1 bu.
<b>Muzzy Bros.' Fine Mixed Lawn Grass.</b> Composed of a mixture of the finest grasses; sow four to five bushels per acre-----	\$0.15	\$0.25	\$0.50	\$0.75	\$3.00
<b>Muzzy Bros.' Special Lawn Mixture.</b> This extra choice mixture contains a large proportion of the finer and more expensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible-----	0.25	0.40	0.75	1.25	4.50
<b>Muzzy Bros.' Shady Lawn Mixture.</b> A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun-----	0.30	0.50	0.85	1.50	5.00

### QUANTITIES TO BE USED

Plot 20 feet by 20 feet, sow 1 quart	Plot 25 feet by 50 feet, sow 4 quarts
" 25 " " 25 " " 2 "	" 25 " " 100 " " 8 "

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.



### MUZZY BROS'. LAWN GRASS, TOP DRESSING, ODORLESS

#### QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING

Plot 20 feet by 25 feet, use 5 lbs.	Price \$0 25
" 20 " " 50 " " 10 "	" 40
" 25 " " 100 " " 25 "	" 90
" 50 " " 100 " " 50 "	" 1 75
" One-quarter acre, " 100 "	" 3 00

## HOW TO MAKE A LAWN.

The ground ought to be carefully prepared during the winter, by draining if found requisite, and digging to the depth of six to twelve inches, according to the nature of the soil. The land should then be leveled and raked to remove stones, etc., and then made firm with a heavy iron roller. When the natural soil is too stony, a supply of good mould should be spread over it to a depth of two or three inches. In March or April, before sowing the seed, the ground ought to be thoroughly cleaned and made perfectly level with the iron roller and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the utmost importance it should be well done. The ground should then be evenly raked and the seeds sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months' sowing the scythe should be used in preference to the machine. **Frequent mowing and rolling are indispensable to maintain the turf in good order.** By adopting these means a close green sward will be obtained in a short time.

For lawns requiring improvement, and on croquet grounds, where the turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one or two bushels to the acre, either in the Spring or Fall, using a small tooth rake and rolling afterwards. A slight dressing of manure, late in the Fall, will often be found beneficial in encouraging the growth of finer kinds of grasses, and helps to produce a close growing turf.

## MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or in fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

### MEADOW MIXTURE FOR ONE ACRE

#### No. 1. On Good Land, neither Too Dry or Too Wet

Price \$3.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 2. For High and Dry Land.

Price \$3.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 3. On Wet Land.

Price \$3.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

### PASTURE MIXTURE FOR ONE ACRE

#### No. 4. On Good Land, neither Too Wet or Too Dry.

Price \$3.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 5. On Dry Land.

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 6 On Wet Land.

Price \$3.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

### CLOVERS.

(Subject to variation in Price.)

Red Clover, Medium (*Trifolium pratense*). Price variable, 60 lbs. to bushel.

Red Clover, Large or Pea Vine. Price variable.

White Clover, (*Trifolium repens*)

Alfalfa or Lucerne, requires a deep, rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.

Alsike or Swedish (*Trifolium hybridum*). Ten pounds to the acre.

Crimson or Italian (*Trifolium incarnatum*), sown in Autumn, it furnishes an early fodder, and is excellent for soiling. Twenty pounds to the acre. Price variable.

Bokhara Clover (*Melilotus alba*), affords excellent feed for bees, it is a valuable soiling plant; lasts two years. Ten pounds to the acre.

Yellow Trefoil (*Medicago lupina*) Hop clover. Fifteen pounds to the acre.

Market Price

## GRASS SEED.

These Prices are Subject to Variation.

	Per 10 lbs.	Per lb.
<b>Blue Grass Kentucky</b> , ( <i>Poa pratensis</i> .) extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn.....	\$2 25	\$0 25
<b>Creeping Bent Grass, Florin</b> , ( <i>Agrostis stolonifera</i> .) used by many for lawns, well adapted to most places.....	3 25	35
<b>Crested Dogtail</b> , ( <i>Cynosurus cristatus</i> .) good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns. 25 lbs. to the acre.....		50
<b>Hard Fescue</b> , ( <i>Festuca duriuscula</i> .) admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre.....	2 50	27
<b>Meadow Fescue</b> , ( <i>Festuca pratensis</i> .) this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre.....		28
<b>Sheep's Fescue</b> , ( <i>Festuca ovina</i> .) does well in high dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs. to the acre.....	2 65	28
<b>Meadow Foxtail</b> , ( <i>Alopecurus pratensis</i> .) regarded as one of the most desirable grasses for permanent pasture, being early and rapid growth, 25 lbs. to the acre.....	4 00	45
<b>Meadow Soft Grass</b> , ( <i>Holcus lanatus</i> .) will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bu. to the acre; 7 lbs to bushel.....	2 25	25
<b>Orchard Grass</b> , ( <i>Dactylis glomerata</i> .) is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other, 3 bu. to the acre.....	2 50	27
<b>Red Top Grass</b> , ( <i>Agrostis vulgaris</i> .) good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., \$3.00; per bushel of 14 lbs. \$1.00.....		
<b>Fancy Red Top Grass</b> , cleaned like Timothy; free from chaff.....	2 20	25
<b>Rhode Island Bent Grass</b> ( <i>Agrotis canina</i> .) best of all grasses for lawn where only one variety is used.....	3 25	35
<b>Rye Grass English</b> , ( <i>Lolium perenne</i> .) Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass.....	1 50	20
<b>Rye Grass Italian</b> , ( <i>Iolium Italicum</i> .) This ripens much sooner than the English Rye Grass and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state.....	1 20	15
<b>Sweet Vernal Grass</b> , ( <i>Anthoxanthum odoratum</i> .) is not valuable when sown alone, but when sown with other grasses, it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals.....	2 50	25
<b>Tall Meadow Oat Grass</b> , ( <i>Avena elatior</i> .) very valuable for pasture on account of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South.....	3 00	35
<b>Timothy, Herd's Grass</b> , ( <i>Phleum pratense</i> .) As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market. 45 lbs. to bushel.....		Market Price
<b>Rough Stalked Meadow Grass</b> , ( <i>Poa trivialis</i> .) produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs. to the bushel; 20 lbs. to the acre.....	3 50	40
<b>Wood Meadow Grass</b> , ( <i>Poa nemoralis</i> .) This grass grows well both on shady and exposed situations. 30 lbs. to the acre.....		80
<b>Yellow Oat Grass</b> , ( <i>Avena flavescens</i> .) good for dry pastures and meadows. Is much relished by sheep.....		1 10
<b>Golden or German Millet</b> . This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured, gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs. Market Price.		

## GRASS SEED—Continued.

**Hungarian Grass**, a valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pecks to the acre. Per bushel of 48 lbs., Market Price.

## GRAINS.

All grains are selected expressly for seed, and are strictly pure and true to name.

## SPRING WHEAT, 60 lb. Bushel.

**Mashatchewan Fife**.

**China Spring**, chaff bearded variety, and a general favorite.

**Mediterranean Spring**. This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties.

**White Russian**. This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 6 to 62 lbs. to the bushel. Has produced 40 to 50 bushels to the acre.

## WINTER WHEAT, 60 lb. Bushel.

**Jones' Winter Five**, surpassing all other varieties in hardiness and productiveness.

**Golden Cross**, has the yield of the Clawson, with flower of the Mediterranean.

**Clawson**, also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.

**Fultz**. A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.

**Red Mediterranean (American)**. This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.

## OATS, 32 lb. Bushel,

**Swedish**, heavy and bright color.

**Washington**, very popular and standing well until fully ripe.

**Probsteirer**, very productive and heavy. The straw is very strong; No. 32.

**Scotch**, one of the leading varieties.

**Welcome**.

Prices

on

Application.

## RYE, 56 lb. Bushel.

**Spring and Winter Rye**.

Price on application

## SPRING BARLEY, 48 lb. Bushel.

**Vermont Champion (two rowed)**. Market Price

## BUCKWHEAT, 48 lb. Bushel.

**Silver Hull** variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions. Market price.

## JAPANESE BUCKWHEAT.

Yields twice or three times as much as Silver Hull and ripens a week earlier.

Market Price.

## MISCELLANEOUS SEEDS, ETC.

**Cow Peas**, for Fodder. Per qt., 20c. Per bush \$4.00

**Kaffir Corn or Sorghum**. Per lb. 15c. 100 lbs., 7.00

**Canada Field Peas**. Market Price

**Winter Vetches**. " " "

**Spring Vetches**. " " "

**Flax**, very clean. Per qt. 10c. Per bush. 3.50



## MISCELLANEOUS SEEDS, ETC.—Continued.

Canary, Best Silicy (Pharlaris canariensis)	Per qt.	\$0 10
Hemp (Cannabis sativa)	"	10
Maw (Papaver Rhoeas)	Per lb.	15
Lettuce Seed	"	25
Millet (Panicum miliaceum)	Per qt.	10
Rape (Brassica napus)	Per qt.	10
Mixed Bird Seed	Per qt.	10
Sunflower, Large Russia	Per bush., 28 lbs., \$2.00; per qt.	10
Gravel for Cages	Per box 5c. Cuttle Fish Bone	Each, 2c and 3c

## FRUIT AND VEGETABLE ROOTS AND PLANTS.

Asparagus Roots, Conover's Colossal and Palmetto (2 years old)	Per 100,	80c
Rhubarb Roots	15c each; per doz., 1 50	Horse Radish Roots Per 100, 75c; per doz, 20c.
Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and Gooseberry Bushes		Prices on Application

## QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft. drill	Pole Beans	1 qt. to 150 hills
Beet	1 oz. to 50 ft. "	Corn	1 qt. to 200 "
Carrot	1 oz. to 150 ft. "	Cucumber	1 oz. to 50 "
Endive	1 oz. to 150 ft. "	Water Melon	1 oz. to 30 "
Okra	1 oz. to 40 ft. "	Musk Melon	1 oz. to 60 "
Onion	1 oz. to 100 ft. "	Pumpkin	1 oz. to 40 "
Onion sets, small	1 qt. to 20 ft. "	Early Squash	1 oz. to 50 "
Parsley	1 oz. to 150 ft. "	Marrow Squash	1 oz. to 16 "
Parsnip	1 oz. to 200 ft. "	Cabbage	1 oz. to 3000 plants
Radish	1 oz. to 100 ft. "	Cauliflower	1 oz. to 3000 "
Salsify	1 oz. to 70 ft. "	Celery	1 oz. to 4000 "
Spinach	1 oz. to 100 ft. "	Egg Plant	1 oz. to 2000 "
Turnip	1 oz. to 150 ft. "	Lettuce	1 oz. to 4000 "
Peas	1 qt. to 100 ft. "	Pepper	1 oz. to 2000 "
Dwarf Beans	1 qt. to 100 ft. "	Tomato	1 oz. to 2000 "

## QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND.

Artichokes, Jerusalem	3 bu.	Kale, German Greens	3 lbs.
Asparagus, in 12 inch drills	25 lbs.	Lettuce, in rows; 2 $\frac{1}{2}$ feet	3 lbs.
plants, 4x1 $\frac{1}{2}$ feet	8,000	Leek, in rows; 2 $\frac{1}{2}$ feet	3 lbs.
Barley, Broadcast	2 $\frac{1}{2}$ bu.	Melon, Water in hills; 8x8 feet	3 lbs.
Beans, dwarf, in drills; 2 $\frac{1}{2}$ feet	1 $\frac{1}{2}$ bu.	Citron, in hills; 4x4 feet	2 lbs.
Lima, in drills: 4x4 feet	20 qts.	Millet, Pearl, in drills	5 lbs.
Pole, in hills; 4x3 feet	10 qts.	Golden, broadcast	$\frac{4}{5}$ bu.
Beets, in drills; 2 $\frac{1}{2}$ feet	6 to 8 lbs.	Mustard, broadcast	12 to 16 qts.
Broom Corn, in hills	4 to 6 qts.	Oats, broadcast	2 to 3 bu.
Buckwheat, broadcast	1 bu.	Onion, in drills	5 lbs.
Cabbage sown in frames	6 oz.	in beds for sets	5 lbs.
Sown in outdoor beds for trans-planting	10 oz.	Parsnips, in drills; 2 $\frac{1}{2}$ feet	5 lbs.
Carrot, in drills; 2 $\frac{1}{2}$ feet	3 lbs.	Peas Early, in drills	1 $\frac{1}{4}$ bu.
Celery seed	8 oz.	Marrowfat in drills	1 $\frac{1}{4}$ bu.
Plants, 4x $\frac{1}{2}$ foot	25,000	Broadcast	3 bu.
Chufas, in drills, 2 $\frac{1}{2}$ feet	1 $\frac{1}{2}$ bu.	Potato, cut tubers; in drills	8 to 10 bu.
Clover, Alsike	5 lbs.	Radish, in drills; 2 feet	8 lbs.
Red, alone	15 lbs.	Broadcast	12 lbs.
White, alone	12 lbs.	Pepper Plants, 2 $\frac{1}{2}$ x1 foot	17,500
White, with other Seeds	4 lbs.	Pumpkin, in hills; 8x8 feet	2 qts.
Lucerne or Alfalfa	15 lbs.	Parsley, in drills; 2 feet	4 lbs.
Corn, Sweet	8 to 10 qts.	Rye, broadcast	1 $\frac{1}{2}$ to 2 bu.
Field	7 to 9 qts.	Salsify, in drills; 2 $\frac{1}{2}$ feet	10 lbs.
For fodder	3 bu.	Sorghum, in drills	10 to 12 lbs.
Corn Salad, in drills; 10 inches	25 lbs.	Spinach, in drills	10 lbs.
Cucumber, in hills	1 $\frac{1}{2}$ lbs.	Broadcast	30 lbs.
Egg Plants; plants 3x2 feet	4 oz.	Turnips, in drills; 2 feet	1 $\frac{1}{2}$ lbs.
Endive, in drills; 2 $\frac{1}{2}$ feet	3 lbs.	Broadcast	2 to 3 lbs.
Grass, Hungarian	4 bu.	Tomatoes, in frame	4 oz.
Lawn	3 to 4 bu.	Plants	3,800
Orchard	2 to 3 bu.	Wheat, broadcast	2 bu.
Rye	2 bu.	In drills	1 $\frac{1}{4}$ bu.
Kentucky Blue	3 bu.	Clover, { together	10 lbs. Clover
Timothy	4 bu.	Timothy, { for	$\frac{1}{4}$ bu. Timothy
Red Top	3 bu.	Red Top, { one acre.	1 bu. Red Top

# HIGH GRADE FERTILIZERS

## MUZZY BROS.' "SURE" PHOSPHATE

FOR GENERAL CROPS, BEST FERTILIZER EVER MANUFACTURED.

Stands ahead of anything in the market in Analysis, Selling Price and Results. The Great Satisfaction this Fertilizer has given our Customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

### GUARANTEED ANALYSIS.

Nitrogen	2.46 to 3.28 per cent	Total Phos. Acid	10 to 11 per cent
Equal to Ammonia	3 to 4 per cent	Potash Actual	6 to 8 per cent
Available Phos. Acid	8 to 10 per cent	Equal to Sulph. Potash	11.09 to 12.94 per cent
Insoluble Phos. Acid	1 to 2 per cent	Per ton (12 bags), \$33.00; per bag (167 lbs.) \$3.00	

## MUZZY BROS.' "SURE" SUPER PHOSPHATE

### FOR POTATOES.

Nearly every farmer grows Potatoes, and consequently is, with the trucker and market gardener, interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that with a Potato Manure made from first class material, like our "**SWIFT-SURE, SUPER-PHOSPHATE FOR POTATOES**, you can grow a larger crop of Potatoes than you can with barnyard manure, and have them smoother, free from imperfections and of more uniform size.

### GUARANTEED ANALYSIS.

Nitrogen	2.46 to 3.28 per cent	Total Phos. Acid	9 to 11 per cent
Equal to Ammonia	3 to 4 per cent	Potash Actual	7 to 8 per cent
Available Phos. Acid	8 to 10 per cent	Equal to Sulp. Potash	12.94 to 14.79 per cent
Insoluble Phos. Acid	1 to 2 per cent	Per ton (12 bags), \$33.00; per bag (167 lbs.) \$3.00	

## MUZZY BROS.' SPECIAL FERTILIZER

Nitrogen	1.65 to 2.47 per cent	Insoluble Phos. Acid	1 to 2 per cent
Equal to Ammonia	2 to 3 per cent	Potash Actual	4 to 5 per cent
Available Phos. Acid	8 to 10 per cent	Equal to Sulph. Potash	7.40 to 9.25 per cent
Total Phos. Acid	9 to 11 per cent	Per ton (12 bags)	\$30.00; per bag (167 lbs.) \$2.75

## FINE GROUND BONE for Lawns

### AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS.

### GUARANTEED ANALYSIS.

4 to 5 per cent. Ammonia		45 per cent. Bone Phosphate of Lime.
5 pound bag for space 20 x 25 feet		\$0 25
10 " " 20 x 50 "		40
25 " " 25 x 100 "		90
50 " " 50 x 100 "		1 75
100 " " $\frac{1}{4}$ acre		2 75

## NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground, when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs., 35c.; 10 lbs., 50c.; 25 lbs., \$1.25; 50 lbs., \$2.00. Bags trifle over 200 lbs., \$3.25 per 100 lbs. We carry in stock also Acid Phosphate, Sulphate of Potash and Muriate of Potash.

## PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

**Quantity Required.** For garden and field crops, 1 to 2 tons per acre— $\frac{1}{2}$  before plowing the balance before harrowing. For top-dressing grass, use 1 ton per acre in fall or early spring.

Price, 100 lb. bag, \$2.00; per ton of 2,000 lbs., \$30.00; in packages of 2 lbs., 15c.; 10 lbs., 50c.

# Cultivation of Flower Seeds.

## HARDY ANNUALS.

Successive sowing may be made from March to the end of September: March, April and May are the best months for general Summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

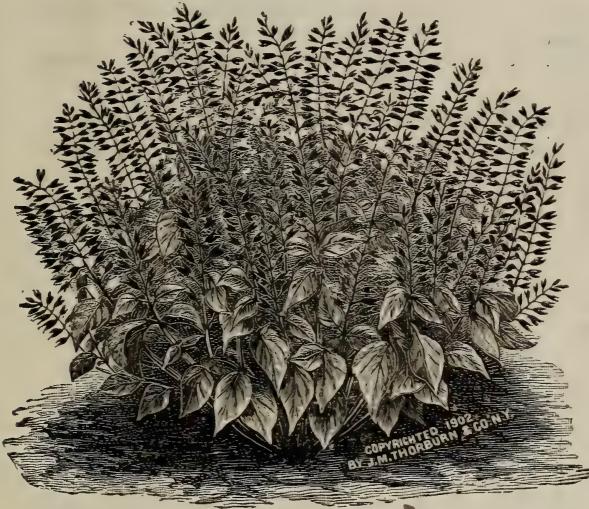
Sow thinly; cover with a very thin coat of fine dry earth—the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

## HALF HARDY AND TENDER ANNUALS.

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.



SALVIA SPLENDENS



DOUBLE ZINNIA

## HARDY BIENNIALS AND PERENNIALS.

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November, those sown in Autumn are best planted out in March in April, where intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first season. The Pansy, Petunia, China Pink and its several splendid varieties, and many others, do better as Annuals than Perennials.

Half Hardy Biennials and Perennials may be raised and treated in the same way as recommended for Half Hardy Annuals.

## CULTIVATION OF FLOWER SEEDS—Continued.

## ANNUALS FOR WINTER BLOOMING.

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candytuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dinatus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Salvia, Verbena Vinca and others.

## GENERAL LIST OF FLOWER SEEDS

## Abbreviations and Signs used in the following list.

A.	Annual, refers to those plants that last but one season, and must be raised annually.	t.	Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.
B.	Biennial, raised one year, bloom and die the next.	cl.	Climbing; as Cypress Vine, Morning Glory, etc.
P.	Perennial, lasts two or more seasons.	spr.	Spreading or trailing as Verbena.
h.	Hardy, as those that may be grown at all seasons in open air, without protection.	g.	Greenhouse, those plants which require to be grown under glass.
hh.	Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden.	s.	Shrubs, plants of a shrubbery or bushy habit.

Those Biennials, and Perennials marked with an (\*) will bloom the first year if sown early.

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
<i>Abrobra viridiflora</i>	tA	8	sc. fruit	10	Beautiful climbing gourd.
<i>Abronia umbellata</i>	hha	spr	pink	5	Pretty Verbena-like annuals.
“ fragrant	hhB	2	white	10	
<i>Abutilon</i> mixed	tP	6	various	25	Beautiful bell-shaped flowers.
<i>Acacia</i> mixed	hhP	3-5	yellow	5	Good for greenh. or pot culture.
<i>Achimenes</i> choice mixed	gP	1	various	25	Beautiful tuber-rooted plants.
* <i>Adlumia</i> cirrhosa	hB	15	pink	10	Mountain Fringe, hardy climber.
<i>Ageratum Mexicanum</i>	hha	1	blue	5	Valuable bedding plants of dwarf habit, very free-flower.
“ imperial dwarf	“	“	“	5	
“ <i>Lasseauxii</i>	“	1	rose	5	
<i>Alyssum sweet</i> oz. 30c	hA	½	white	5	Sweet Alyssum, a well known fragrant flower.
<i>Alyssum saxatile</i>	hP	1	yellow	5	
<i>Amaranthus</i> <i>Henderi</i>	hha	4	var. col.	5	Fine plants for decorating purposes for conservatory and flower garden. Amar, tricolor known as Joseph's coat.
“ <i>melancholicus</i> <i>ruber</i>	“	2	red	5	
“ <i>bicolor</i> <i>ruber</i>	“	3	“	5	
“ <i>salicifolius</i>	“	3	scarlet	10	
“ <i>tricolor</i> oz. 50c	“	1	var. col.	5	
<i>Anchusa</i> <i>augustifolia</i>	hP	2	purple	10	Excellent for bouquets.
* <i>Angelonia</i> <i>grandifolia</i>	gP	2	vio. blue	25	Beautiful ornamental plant.
* <i>Antirrhinum</i> <i>majus</i> , <i>choicemixed</i>	hP	2	various	5	The Antirrhinum or Snapdragon, a very useful and showy plant.
* <i>Antirrhinum</i> <i>Tom Thumb</i>	“	1	“	10	
<i>Aquilegia</i> <i>chrysanthia</i>	“	2	yellow	10	Columbines, Handsome free flowering border plants, perfectly hardy.
“ <i>coerulea</i>	“	2	sky blue	15	
“ <i>choice mixed, double</i>	“	2	various	5	
<i>Arabis</i> <i>Alpina</i>	“	½	white	10	Rock or bordering, early flowering
<i>Ardisia</i> <i>crenulata</i>	gs	3	red frt.	25	Beautiful scarlet berries.
<i>Aristolochia</i> <i>sipho</i>	hP	30	yel. br.	25	Dutchman's Pipe.



ASTER



BALSAM



BRIZA MAXIMA

NAME.	Hardness and Duration.	Height in feet.	Color.	Price per Packet.	OBSERVATIONS
<i>Asperula</i> <i>azurea</i> <i>setosa</i> .....	hA	1	blue	5	
<i>Asperula</i> <i>odorata</i> (Woodruff).....	hP	2-3	white	10	
<i>Aster</i> Queen of market, mixed.....	hHA	2	mixed	5	
" " " rose.....	"	2	rose	5	
" " " white.....	"	2	white	5	
" " " lavender.....	"	1½	lavender	5	
" Comet, finest mixed.....	"	1½	mixed	5	
" <i>Chrysanthemum</i> flowered, finest mixed.....	"	¾	"	5	
" Washington, mixed.....	"	2	"	15	
" Dwarf Bouquet, mixed.....	"	¾	"	10	
" Mixed China.....oz. 75c	"	1½	"	5	
<i>Auricula</i> finest mixed.....	hhP	1	"	25	
<i>Azalea</i> <i>indica</i> mixed.....	gs	4	"	25	
<i>Balloon</i> <i>Vine</i> .....	hHA	10	wh. g'rn	5	
<i>Balsam</i> mixed double.....	"	2	various	5	
" Camelia-flowered mixed oz. 75c.....	"	2	"	5	
" white.....oz. 60c.....	"	2	white	5	
" white Perfection.....	"	2	"	15	
" Solferino.....	"	2	striped	10	
" Victoria.....	"	2	spotted	10	
" Apple.....	"	10	yellow	5	
" Pear.....	"	10	"	5	
<i>Begonia</i> new hybrids.....	gs	2	various	25	
<i>Bocconia</i> <i>Japonica</i> .....	"	4	white	10	
<i>Browallia</i> <i>alata</i> .....	hHA	1½	blue	10	
" " " alba.....	"	1½	white	10	
<i>Casalia</i> mixed.....	hA	1½	various	5	
<i>Calceolaria</i> <i>hybrida</i> .....	gP	2	"	50	
" <i>rugosa</i> .....	hhP	2	"	25	
<i>Calendula</i> <i>Meteora</i> .....	hA	1 1-3	striped	5	
" Pongei fl. pl.....	"	1½	white	5	
<i>Campanula</i> <i>Carpathica</i> .....	hP	1	blue	5	
" " " alba.....	"	1	white	5	
* " <i>pyramidalis</i> .....	hhP	4	blue	5	
<i>Canary</i> <i>Bird</i> <i>Flower</i> .....	hHA	10	yellow	10	
<i>Candytuft</i> crimson.....oz. 40c	hA	1	crimson	5	
" white.....oz. 40c.....	"	1	white	5	
" mixed.....oz. 20c.....	"	1	various	5	
" rose.....oz. 40c.....	"	1	rose	5	
" new carmine.....oz. 40c.....	"	1	carmine	5	
" Tom Thumb.....oz. 40c.....	"	½	white	5	



BACHELOR BUTTON



CYCLAMEN



CASTOR BEAN

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
* <i>Canna gigantea</i>	hhP	8	red	10	These stately plants are remarkable for their large and handsome foliage, producing a most luxuriant and tropical appearance.
* " Marshall Vaillant	"	4-5	orange	10	
* " Fintelmannii	"	5	yellow	10	
* " nigrians	"	3	red	10	
* " Bihorrelli	"	3	scarlet	10	
* " mixed var.	oz. 50c	3-6	various	5	
* <i>Canterbury Bells</i> , blue	hb	3	blue	5	
* " " white	"	3	white	5	Handsome old-fashioned plants for mixed borders.
* " " mixed	"	3	mixed	5	
<i>Carduus benedictus</i>	hA	3	white	5	
<i>Carnation</i> finest double	hP	2	various	5	Ornamental Thistle.
" mixed for borders	"	2	"	50	
" perpetual or tree	"	2	"	50	
<i>Centaurea candidissima</i> 1,000 \$2	hhP	1	wh. fol.	10	The Carnation Pink is indispensable for its rich flowers and delicious perfume.
" <i>Clementei</i>	"	1	"	10	
" <i>gymnocarpa</i> 1/2 oz. \$2	"	1	"	10	
<i>Chrysanthemum</i> annual mixed	hA	2	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
" double white	"	1	white	5	
" " golden	"	1	orange	15	
" <i>indicum</i> fl. pl.	"	1	various	10	
" <i>Burridgei</i> imp.	hP	3	"	10	
" pompon fl. pl.	"	2	"	10	
<i>Cineraria</i> hybridia choicest mix'd	gP	1 1/2	"	50	
" " dwarf mixed	"	4	"	25	Showy annuals, for mixed beds or borders. Double Golden and Burridgei are very handsome. Chrys. indicum and pompon are beautiful. Fall flowering Chrysanthemums.
" " double new	"	1 1/4	"	75	
" <i>maritami</i>	hA	1 1/2	yellow	5	
<i>Clarkia pulchella</i>	"	1	pink	5	Superb strain; large flowers of beautiful form and color.
" mixed varieties	"	1	various	5	
<i>Clanthus Dampieri</i>	gs	4	scarlet	15	New varieties, large double flowers.
* <i>Cobaea scandens</i>	hhP	20	purple	5	Silver foliage bedding plant.
<i>Cockscomb</i> dwarf, crimson	hhA	1	crimson	10	Very pretty free flowering annuals.
" <i>Glasgow Prize</i>	"	1 1/4	purple	10	
" <i>New Empress</i>	"	1	crimson	10	
" <i>New Japan</i>	"	3	scarlet	10	
" feathered, mixed	"	3	various	5	
<i>Coleus</i> from newest varieties	tp	2	var. fol.	25	Beautiful greenhouse plant.
<i>Collinsia bicolor</i>	hA	1	pur. wh.	5	
" mixed varieties	"	1	various	5	Rapid growing, handsome climber.
					Exceedingly handsome plants. The dwarf varieties are excellent for pot culture. The Glasgow and New Empress Cockscombs are new and very fine.
					One of the most effective plants in carpet bedding.
					Attractive annuals; if sown in Fall will flower early in Spring.



CONVOLVULUS' MINOR



COWSLIP



DIANTHUS

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
<b>Convolvulus</b> major oz. 15c	hA	10	various	5	C. Major (Morning Glory) is one of the best known climbers. Favorite Spring flower. Beautiful sweet scented greenhouse plants.
" minor oz. 30c	"	1	"	5	
" Mauritanicus	hhP	spr.	lavender	10	
<b>Cowslip</b> English	hP	4	mixed	5	
<b>Cyclamen</b> Persicum	hhP	1	"	10	
" extra choice	"	1	"	25	
" giganteum	"	1	"	25	
<b>Cypress</b> vine scarlet oz. 50c	ta	10	scarlet	5	Well known beautiful climbers.
" scarlet, ivy leaved oz. 50c	"	10	white	10	
" white oz. 50c	"	10	div.	5	
" mixed oz. 50c	"	10	"	5	
<b>*Dahlia</b> finest double	hhA	6	various	5	Stately autumn flowering plants.
" Lilliputian varieties	"	4	"	25	
" single mixed	hhP	3	"	10	
<b>Daisy</b> double	hP	1	"	5	Finest mixed. Very showy trumpet-shaped flowers.
<b>Datura</b> chloranta, double	hha	3	yellow	5	
" meteloides	"	3	w. & b.	5	
<b>Delphinium</b> formosum	hP	2	blue	5	Splendid plants for large borders.
" nudicaule	"	1	scarlet	10	
<b>Devil-in-a-Bush</b>	hA	1½	b. & w.	5	
<b>*Dianthus</b> Chenensis, double oz. 75c	hP	1	mixed	5	Curious and pretty. Fine variety of China Pink; should be in every garden.
" Hedewigii	"	1	"	10	
" diadematus, double	"	1	"	10	
<b>Dolichos</b> lablab oz. 40c	ta	10	purple	5	Hyacinth Bean; free growing climber.
" alba	"	10	white	5	
<b>Erythrina</b> crista galli corallodendron	hhP	4	scarlet	10	
"	"	6	"	25	Coral plants with handsome spikes of blossoms.
<b>Epacris</b> finest mixed	gs	2-3	various	50	Fine greenhouse plants.
<b>Erica</b> finest mixed	"	1-2	"	25	Cape Heaths.
<b>Eringium</b> Leavenworth	hA	2	purple	10	Beautiful and curious plant.
<b>Eschscholtzia</b> California	"	1	yellow	5	Useful bright looking plants.
" Mandarien	"	1	crimson	10	
<b>Everlasting</b> flowers	hA	2	various	5	
<b>Ferns</b> mixed varieties	gP	½	foliage	25	For Winter bouquets.
<b>Forget-me-not</b>	"	"	"	5	Beautiful foliage.
<b>Foxglove</b> (Digitalis)	hP	3	various	5	See Myosotis.
<b>*Four o'clocks</b> (Mirabilis) oz. 30c	hhP	2	"	5	Showy mixed varieties.
<b>Fuchsia</b>	"	3-6	"	25	Well-known useful plants.
<b>*Gaillardia</b> mixed	"	2	"	5	Beautiful greenhouse plants.
<b>Geranium</b> zonale, mixed	"	1½	"	10	Beautiful for border or pots.
" Apple scented	"	1	pink	25	Finest mixed varieties.
" Pelargonium, mixed	"	1½	various	50	



EVERLASTING

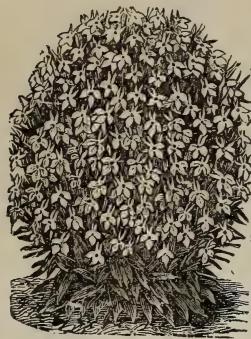


GAILLARDIA

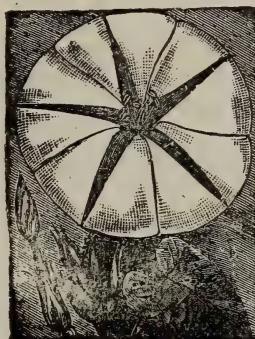


HOLLYHOCK

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
*Gesneria finest mixed	gP	1	various	25	Splendid hothouse plants.
Glaucium corniculatum	hP	2	yellow	5	A fine ornamental plant.
Gloxinia finest mixed	gP	1	various	50	Charming house plant.
Godetiae Whitney	hA	1 1/2	rose	5	Briliant, profuse flowering hardy
" Lady Albemarle	"	1 1/2	crimson	5	annuals.
Golden Feathered					See Pyrethrum aureum.
Gourd Apple	tA	10	yellow	5	
" Bottle	"	10	"	5	
" Dipper	"	10	"	5	
" Hercules' Club	"	10	"	5	Mock Orange; excellent rapid
" Miniature	"	10	"	5	growing climbers, with peculiar
" Sugar Trough	"	10	"	5	and handsome fruits.
" mixed	"	10	"	5	
Helianthus globosus	hA	6	orange	5	Superb double Sunflower.
Helichrysum Bracteatum Immortelle Mixed	hA	2		5	For winter bouquets.
Heliotrope mixed varieties	hhP	1	various	5	Well-known, fragrant plants.
*Hollyhock double mixed	hb	6		5	
" finest mixed	"	6		25	Sow in June or July for flowering
" pure white	"			10	the next Summer.
Ice Plant	hha	spr.	white	5	Curious and pretty.
Ipomoea coccinea	"	10	scarlet	5	
" Bona Nox	tA	10	white	10	
" variegata	hha	10	marbled	5	Very beautiful free flowering
" leptophylla	hP	5	various	10	climbing vines for outdoor or
" Quamoclit	tA	10	purple	5	greenhouse culture.
" " alba	"	10	scarlet	5	The popular Cypress Vine.
Japanese Morning Glory	A	15	varieg'd	5	
Lantana mixed varieties	hhP	3	various	5	Good for pot or outdoor culture.
Larkspur Dwarf Rocket oz. 40c	hA	1	"	5	
" Branching	"	2	"	5	Fine free flowering plants of var-
" Emperor	"	1 1/2	"	10	ious beautiful colors.
Leptosiphon roseus	"	1 1/2	rose	5	Extremely pretty dwarf free
" densiflorus albus	"	1 1/2	white	5	flowering plants.
Liatris pycnostachya	hP	4	pink	10	Kansas Gay Feather.
Linum grandiflorum, scarlet	hA	3	scarlet	5	
" flavum	hP	1	yellow	5	Scarlet Flax. very brilliant.
Lobelia gracilis	hA	spr.	blue	10	
" Paxtoniana	"	2 1/2	b. & w.	10	A charming class of dwarf grow-
" speciosa	"	2 1/2	blue	10	ing plants for ribbon borders,
" mixed varieties	"	2 1/2		5	hanging baskets, rockwork,
Lophospermum scandens	"	10	rose	10	etc.
Love-Lies-Bleeding	hA	3	crimson	5	Climber, trumpet-shaped flowers.
					Showy border annual.



LOBELIA



MOONVINE



NASTURTIUM

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Love-in-a-Mist	hA	1	blue	5	
Lupinus Cruikshanki	"	3	b. w. yel.	5	
" hybridus insignis	"	3	dark red	5	
" subcarneous	"	1½	r. p. b.	5	
" polyphyllus	hP	3	blue	5	
" mixed annual	hA	3	various	5	
Marigold African	hA	2	mixed	5	
" French Dwarf	"	1	"	5	
*Marvel of Peru	hhP	2	"	5	
Maurandya alba	"	10	"	15	
" Barclayana	"	10	purple	10	
" mixed	"	10	various	10	
Mignonette large flowered oz. 25c	hA	1	bluff	5	
" pyramidal " oz. 40c	"	1	"	5	
" New Giant pr'y'al oz. 50c	"	1½	"	5	
" Miles' Spiral	"	1	"	10	
" The Prize oz. 5 0	"	1	"	10	
" New Dwarf compact	"	1	"	10	
" Bird's Impr'd. oz. 50c	"	1½	yellow	10	
" Golden Queen	"	1	"	10	
Mimosa Pulica Sensitive plant	"			5	
Moon Vine	"	20	white	5	
*Mimulus hybridus	hhP	1	various	5	
*" moschatus (Musk Plant)	"	½	yellow	5	
Myosotis palustris	hP	1	blue	5	
" alba	"	1	white	10	
" dissitiflora	"	½	dk. blue	15	
" alpestris	"	spr.	blue	5	
Nasturtium King of Tom Thumbs	hA	1	scarlet	5	
" Tom Thumb, yellow	"	1	yellow	5	
" Crystal Palace Gen.	"	1	sul. spt.	5	
" King Theodore	"	1	black	5	
" Ruby King	"	1	carmine	5	
" Dwarf, mixed oz. 10c	"	1	various	5	
" Tall, mixed oz. 10c	"	6	"	5	
Nemophila insignis	"	1	blue	5	
" maculata	"	1	spotted	5	
" mixed colors oz. 40c	"	2	various	5	
Oenothera	hhP	2	"	10	Evening Primrose.



PETUNIA

NAME.	Hardiness and Duration.	Height in feet.	Color.	Price per Packet.	OBSERVATIONS
*Pansy mixed colors oz. \$1.50	hP	$\frac{1}{2}$	various	5	
* " finest mixed oz. \$2.50	"	$\frac{1}{2}$	"	5	
* " Odier or blotched	"	$\frac{1}{2}$	"	15	
* " Emperor William	"	$\frac{1}{2}$	blue	15	
" " White	"	$\frac{1}{2}$	white	15	
" " King of the Blacks	"	$\frac{1}{2}$	black	15	
Passiflora coerulea	hP	10	various	5	
Penstemon mixed varieties	"	2	blue	10	
Perilla Nankinensis	hha	2	purple	5	
*Petunia fine mixed oz. 75c	hhP	2	various	5	
* " finest striped and blotched	"	2	"	25	
* " double	"	2	"	25	
* " new double tinged	"	2	"	50	
* " Countess of Ellesmere	"	2	pr. & w.	5	
* " nyctaginiflora	"	2	white	5	
Phlox Drummondii, alba	hha	1	"	10	
" " coccinea	"	1	scarlet	10	
" " atropurpurea	"	1	d. purple	10	
" " Black Warrior	"	1	d. red	10	
" " Leopoldi	"	1	d. red	10	
" " grandiflora spi	"	1	w. er	10	
" " mixed oz. 75c	"	1	sc. & w.	10	
Picotee fine mixed	hhP	2	various	50	
" " extra choice	"	2	"	50	
*Pink Chinese, double oz. 75c	hb	$1\frac{1}{2}$	"	5	
Polyanthus choice	hP	"	"	25	
Poppy finest, mixed double	ha	1	"	5	
" Shirley	"	$1\frac{1}{2}$	tinted	5	
Portulaca Bedmanii	hha	$\frac{1}{2}$	white	10	
" Pheasantii	"	$\frac{1}{2}$	salmon	5	
" golden striped	"	$\frac{1}{2}$	striped	5	
" splendid	"	$\frac{1}{2}$	purple	5	
" alba	"	$\frac{1}{2}$	white	5	
" Thellusoni	"	$\frac{1}{2}$	scarlet	5	
" Thorburnii	"	$\frac{1}{2}$	yellow	5	
" mixed, single oz. 50c	"	$\frac{1}{2}$	various	5	
" double finest	"	$\frac{1}{2}$	"	5	
Primula Sinensis fringed, red	gP	$\frac{1}{2}$	red	50	
" " " white	"	$\frac{1}{2}$	white	25	
" " " striped	"	$\frac{1}{2}$	striped	50	
" " " mixed	"	$\frac{1}{2}$	various	25	
" " " double white	"	$\frac{1}{2}$	white	75	
" " " red	"	$\frac{1}{2}$	red	75	
" " " mixed	"	$\frac{1}{2}$	mixed	75	

Valuable early Spring blooming plants. Bugnot's International Pansy is a splendid new strain.

Handsome flower spikes. Bronze purple foliage. Passion flower.

Beautiful bedding or pot plants producing a great variety of charming colors and continuing in bloom all Summer.

The P. Drummondii is one of our very best annuals, noted for richness of color, profuseness of blossom, and length of duration in bloom. No garden should be without a bed of it.

Rich and beautiful colors.

See Dianthus.

Lovely Spring Flower.

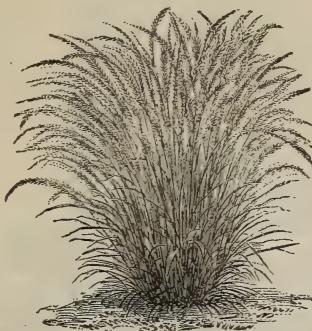
Very beautiful hardy perennials.

This popular annual is unrivaled for brilliancy of color, and is of the easiest culture; the double varieties are especially beautiful, resembling miniature roses in form.

Chinese Primrose; is an invaluable and very beautiful class of Spring and Winter decoration of the greenhouse, conservatory or drawing room.



SENSITIVE PLANT



STIPA

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
* <i>Pyrethrum carneum</i> .....	hA	1 1/2	flesh yellow	10	
* " " Golden Feather.....	"	1 1/2	" "	10	
* " " " Gem.....	"	1 1/2		5	
<i>Rocket Sweet</i> white.....	"	2	white	5	
" purple.....	"	2	purple	5	
" mixed.....	"	2	mixed	5	
<i>Ricinus</i> <i>Borboniensis arboreus</i> .....	hha	15	violet	5	
" <i>Duchess of Edinburgh</i> .....	"	8	"	5	
" <i>Gibsoni</i> .....	"	5	red fol.	5	
" <i>sanguineus</i> .....	"	8	"	5	
" mixed varieties oz. 30c.....	"		various	5	
<i>Salpiglossis</i> mixed.....	hha	1	"	5	
<i>Salvia</i> <i>splendens</i> .....	hhp	3	scarlet	5	
" <i>alba</i> .....	"	3	white	25	
" <i>patens</i> .....	"	3	blue	25	
<i>Sanvitalia procumbens</i> fl. pl.....	ha	spr.	yellow	10	
<i>Saponaria calabrica</i> .....	"	1	pink	5	
* <i>Scabiosa</i> dwarf double.....	hb	1 1/2	various	5	
" <i>candidissima</i> .....	"	2	white	5	
<i>Sensitive Plant</i> .....	ta	1	pink	5	
<i>Silene pendula compacta</i> .....	ha	1 1/2	"	5	
<i>Smilax</i> ( <i>Myrsiphyllum</i> ).....	gp	6	white	10	
<i> Snapdragon</i> .....					
<i>Solanum capsicastrum</i> .....	hhp	1	sc. fruit	5	
" <i>Weatherill's hybrids</i> .....	hha	biv.	various	5	
<i>Stock German</i> Ten Weeks mixed.....	hha	1	"	5	
" " large flowering.....	"	1	"	10	
" " dwarf pyramid.....	"	1	"	15	
" " pure white.....	"	1	white	15	
" " blood red.....	"	1	d. red	15	
" " canary yellow.....	"	1	yellow	15	
" " Wallflower leaved.....	"	2	various	10	
" Intermediate white.....	hhb	2	white	10	
" " crimson.....	"	2	crimson	10	
" Brompton or winter.....	"	2	mixed	10	
" Emperor or Perpetual.....	hhp	2	"	10	
<i>Sweet Pea</i> Navy Blue.....	ha	5	pure bl.	5	
" Pink Friar.....	"	5	pink	5	
" Mars.....	"	5	scarlet	5	
" Blanche Ferry.....	"	5	p. pink	5	
" Blanche Burpee.....	"	5	lg. white	5	
" Dorothy Tenant.....	"	5	monœ	5	
" Emily Eckford.....	"	5	hel'trope	5	
" Mrs. Eckford.....	"	5	yellow	5	

A beautiful and highly popular class of hardy annual climbers deliciously fragrant.



VERBENA



VIOLET

NAME.	Hardiness and Duration.	Height in Feet.	Color.	Price per Packet.	OBSERVATIONS.
Sweet Pea Finest Mixed-----	hA	5	various	25	
"    Dwarf Cupid oz. 20c	"	5	"	25	
Sweet William auricula flowered-----	hP	1½	mixed.	25	Very beautiful hardy perennials.
"    double mixed-----	"	1	"	25	
Taconia Van Volxemii-----	gP	6	scarlet	25	Splendid greenhouse climber.
Tagetes pumila-----	hA	1	yellow	5	Excellent for bedding.
Thunbergia alata-----	hba	5	buff	10	
"    alba-----	"	5	white	10	Slender, rapid growing climbers
"    Freyeri-----	"	5	orange	10	with very pretty flowers, which
"    mixed-----	"	5	various	10	are freely produced.
Torenia Bailloni-----	hhB	1	yellow	25	Charming pot plants for easy cul-
*    "    Fournieri-----	"	1	blue	25	ture.
Tritoma Uvaria-----	hhP	4	red	10	Red-hot Poker plant.
Tropaeolum Lobbianum oz. 10c	hha	6	various	10	Brilliant climbing plants for
"    Spitfire-----	"	6	scarlet	10	verandas, trellis, large vases,
"    peregrinum can. b fl.	"	10	yellow	5	etc.
*Verbena mammoth mx. oz. \$2.00	hhP	spr	various	5	The Verbena is deservedly the
*    "    finest mixed oz. \$5.00	"	"	"	5	universal favorite. The seed of
*    "    scarlet-----	"	"	scarlet	10	the finest mixed is from the
*    "    white-----	"	"	white	10	finest flowers in cultivation.
*Vinca alba-----	tP	2	"	10	
*    "    rosea-----	"	2	rose	10	Fine as pot plant in Winter, or
*    "    alba oculata-----	"	2	d. eye	10	for the border in Summer.
*Violet sweet scented-----	hP	½	blue	10	Delightfully fragrant.
*    "    The Czar-----	"	½	"	5	
Wallflower single-----	hhP	2	mixed	5	An old-fashioned fragrant.
"    double-----	"	2	"	10	
*Whitlava grandiflora-----	hA	1	purple	5	Pretty bell-shaped flowers.
*    "    gloxinoides-----	"	2	b. & w.	5	
Wild Cucumber-----	"	20	white	5	A fast-growing ornamental vine.
Wild Flower Garden-----	"			5	Mixture of fine annuals and per'l's.
Zinnia elegans double oz. 50c	hha	5	mixed	5	Brilliant flowers of many shades
"    Haageana fl. pl.	"	10	orange	10	of color.

### AMMONIATED FLOWER FOOD

A dressing made expressly for plants grown in house, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants free from vermin.

This Ammoniated food was the first odorless chemical preparation made and sold in this country. It is made expressly for flowers grown in the house, garden, or conservatory, and contains the same plant food as stable dressing, but in a cleaner and more soluble form.

Price 15 cents per package

## ROSEBUSHES, BULBS, ETC.

**Hardy Roses.** Two year old, Holland grown, our own Importation. We carry the largest assortment of **Rosebushes** in the state. Both hardy and ever blooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

**American Beauty.** Rich, rosy-crimson. Very large.

**White American Beauty.** Very large, pure snow white.

**Baroness Rothschild.** Bright, rosy pink. Immense size.

**Crimson Rambler.** Immense cluster bright red flower—very quick grower and hardy.

**White Rambler.** Same as Crimson, cut with pure white blooms, hardy.

**Yellow Rambler.** Yellow blooms in big clusters, hardy.

**Genl. Jack.** Large, brilliant, bloodred blooms. Fine bloomer.

**Giant of Battles.** Rich shade of rosy-crimson.

**Glorie de Dijon.** Free blooming climber. Tea scented flowers of creamy white tinged with salmon and pink.

**La France Pink.** One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.

**La France Red.** Large blooms of brilliant rose pink almost crimson.

**La France White.** Same as above two, but blooms are pure white. Very free bloomer.

**Kaisering Aug. Victoria.** One of the best blooming, largest and sweetest white roses grown.

**Marechal Neil.** Large, clear yellow. Ever bloomer.

**Magna Charta.** Rosy crimson. Large buds and blooms.

**Mrs. John Laing.** Clear shining pink, beautifully shaded.

**Merville de Lyon.** Ivory white flushed with carmine.

**Mons. Boncenne.** Dark, velvety crimson. Very large.

**Perle de Lyon.** Deep golden. Ever bloomer.

**Paul Neyron.** Dark rose, very large and fragrant.

15c. each, 2 for 25c.

**Tuberoses.** One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May or as soon as the ground becomes warm. 1c. and 2c. each.

**Gladiolus, Extra Fine Mixed.** With a view to supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's hybrids and other best mixtures which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c. each; 30c. dozen.

**Dahlias.** Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 10c. each.

**Caladium Esculentum.** Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get best results plant in rich soil and give plenty of water. 5c., 10c., 15c. each.

**Paeonies.** No other plant flowering at the same season can vie with the Peony for beauty. They are perfectly hardy, requiring no protection whatever are not troubled with insects or disease, and once planted take care of themselves. Price 20c. each.



TEA ROSES.



GLADIOLUS.



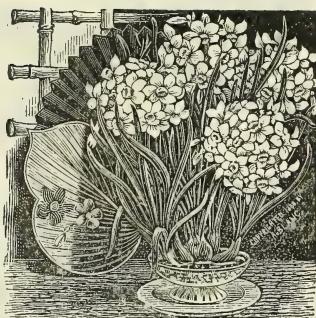
DAHLIAS.



TUBE ROSE.



HYACINTHS



NARCISSUS



ROSES—LARGE ASSORTMENT

**BULBS—Continued.**

**Cannas.** Extra strong roots 5c. each.

**Rhododendrons.** Fine large plants, Holland Grown, \$1.00.

**Hydrangeas,** fine quality, Holland Grown.

**Snow Ball.**

**Clematis,** for verandas and trellises, Holland Grown.



HYACINTHS



TULIPS

**HYACINTHS**

**Hyacinths, Double.** Light blue, white, dark blue and yellow.

**Hyacinths, Single.** Blue, pink, yellow, white.

**Hyacinths, Roman.** Blue, pink, white, etc.

**TULIPS**

**Tulips, Single.** Mixed.

**Tulips, Double.** Mixed.

**Tulips, Single Chrysolora.** Yellow.

**Tulips, Single Artus.** Red.

**Tulips, Single La Immanuelae.** White.

**NARCISSUS**

**Narcissus, Single.** Mixed.

**Narcissus, Double.** Mixed.

**Narcissus, Von Sion,** Double. Yellow.

**Narcissus,** Paper white, single white.

**Narcissus, Trumpet Major,** Single. Yellow.

**Narcissus, Double,** White.

**Crocas.** Blues, striped, white and yellow.

**Lillies, Easter,** (Lillium Hanisii).

**Lillies, Calla.**

**Lillies, Chinese.**

**Snowdrops.**

**Jonquilles.**

**Freesia.**

**Oxalis, etc.**



EASTER LILLIES

## PRICES OF GARDEN ARCHES AND VERANDA TRELLISES

### GARDEN ARCHES

Height	Width	Span	Price each Painted Green
5 feet	12 inches	2½ feet	\$ 4 00
6 "	12 "	2½ "	4 50
8 "	18 "	4 "	8 00
8 "	36 "	4 "	12 00

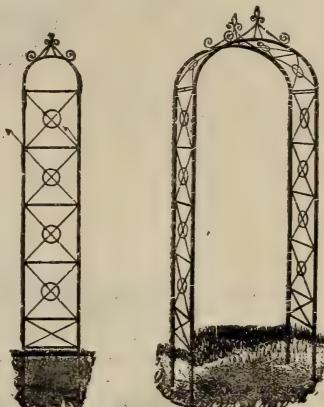
### VERANDA TRELLISES

Any size Arbor or Trellis made to order

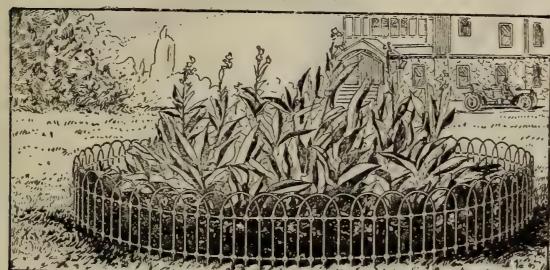
Height	Width	Price each
5 feet	12 inches	\$1 25
6 "	12 "	1 50
8 "	18 "	2 50
10 "	18 "	3 50
12 "	18 "	5 00

Arches are crated knocked down for shipment.

VERANDA  
TRELLISES GARDEN ARCHES



Made of Steel and Wire



### FLOWER BED GUARD

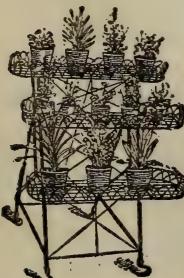
16 inches high 10 cents a foot  
22 " " 12 " "

### Western Pattern

16 inches high 8 cents a foot  
22 " " 10 " "

### THE WHEELOCK TRELLIS

13 inches wide 10 cents a foot  
19 " " 12 " "



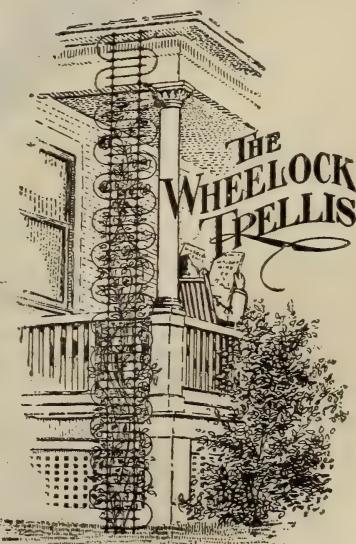
### WIRE AND WOOD FLOWER STANDS

1 Step Wire Flower Stand	24 in.	\$1 00
1 " " " "	30 "	1 75
2 " " " "		2 50
3 " " " "		3 50
3 " Wood	" "	1 00
4 " " " "		1 75

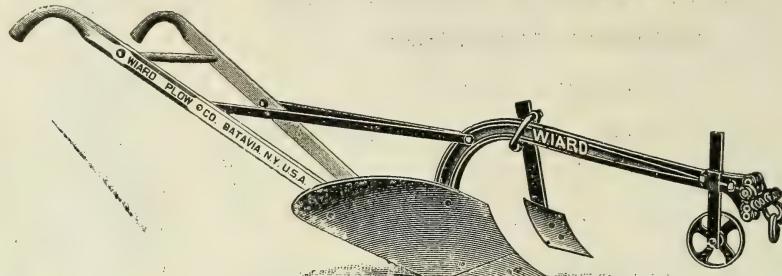


NO. 37 MOSS BASKET

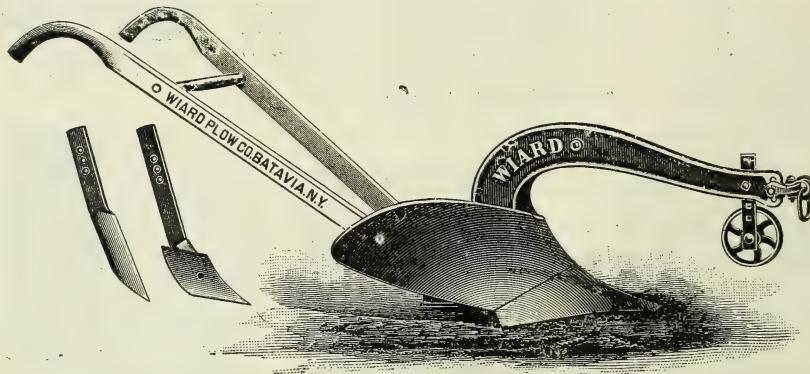
Per doz. Each  
5 inches across top \$2 00 \$0 20  
8 " " " 2 50 25



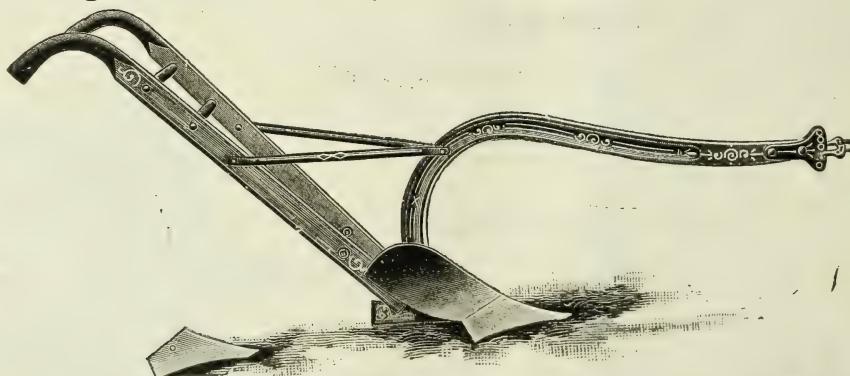
## THE WIARD PLOW



No. 100—Right hand with Steel Moldboard, Grooved Steel Beam; light but very strong. Weight 106 lbs. Full rigged. \$13 98  
 No. 43—Same as No. 100, except it has a chilled Moldboard—**NEW THIS YEAR**—for general purpose, plowing in any soil and under all conditions; it has no equal. \$11 98



No. 200—Two horse, Cast Beam, Full Rigged. \$9 00  
 A medium priced plow with finely shaped moldboard, shin piece and every other requirement of a strong, durable and serviceable plow. Will last a lifetime.

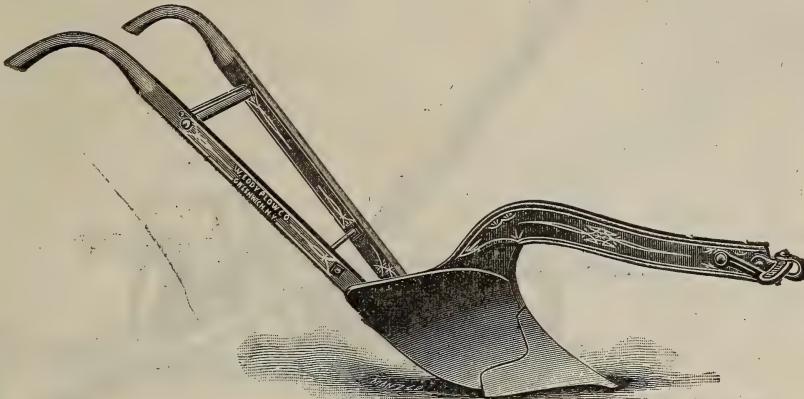


Our New B. O. Steel Beam 1 Horse Plow, with extra Share, only \$4.98.  
 We have embodied several improvements which make it the best of its class on the market. The Handles are braced with two solid steel braces which makes it perfectly rigid.

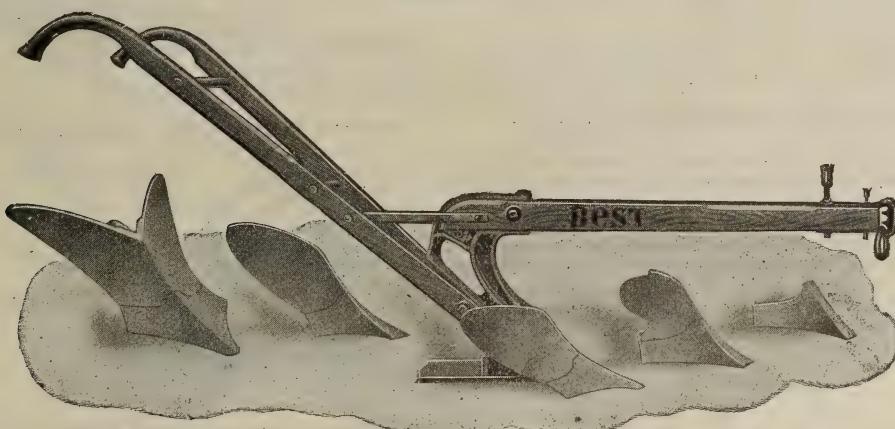
Price with extra Share	\$ 4 98
No. 72—Light Two-horse, Steel Beam, Right-hand	Price, 11 98
No. 17—Two-horse Wooden Beam, Full Rigged, Chilled Moldboard	11 98
No. 62—Small One-horse, Wood Beam, with Clevis only	3 98
No. 13—Light One-horse, Wood Beam, with Clevis only	5 50
No. 91—Two-horse, Steel Beam, Right-hand	11 98
No. 10—One-horse, Wood Beam, Right-hand, Chilled Moldboard, Adjustable Handles for height and running close to rows	6 50

**REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK**

No 115x—Swivel, Light Two-horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis	\$13 75
No. 21—Swivel, One-horse, Cast Moldboard, Wood Beam	7 98
Weeder—7½ feet wide, 35 adjustable spring steel teeth	7 98



No. 24—One-horse, Cuts 10 Inches, Weight 50 lbs	\$5 48
It has Clevis that permits horse to walk in furrow. An excellent Plow. Low in price. Chilled Iron. Landside chilled on bottom; is very strong and convenient.	



#### THE BEST PLOW.

This is the best one-horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shears that come with the plow, the purchaser actually has four plows in one. Price, complete

\$4 98

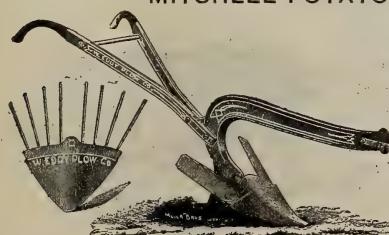
No. 1½ Moldboard and Share makes a large one-horse Plow.

The No. 2½ Moldboard and Share making a medium sized one-horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the Moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

#### MITCHELL POTATO DIGGER AND SHOVEL PLOW COMBINED.

Price with wings only	\$5 00
“ “ Potato Digger	6 00
“ “ Wing and Potato Digger attachment	7 98

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a **Shovel Plow** or **Potato Digger**. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light, strong and durable.



## Darnell's Patent Furrower and Marker

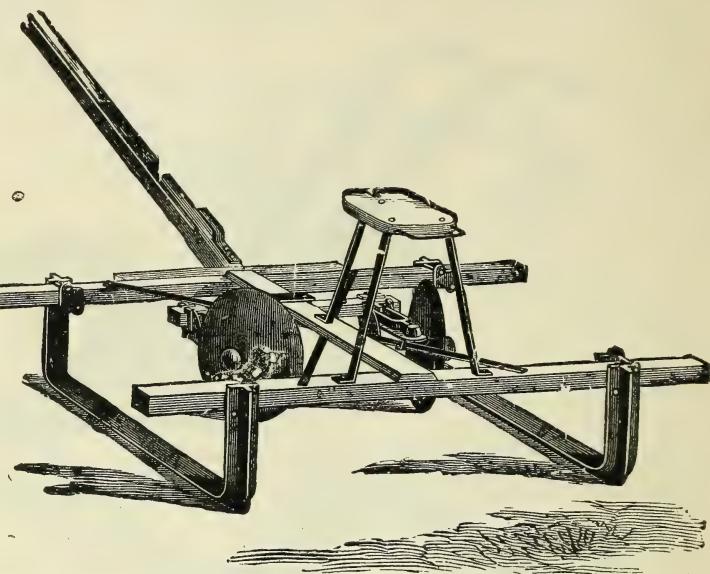
In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

We have a genial ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

We ride while he walks.

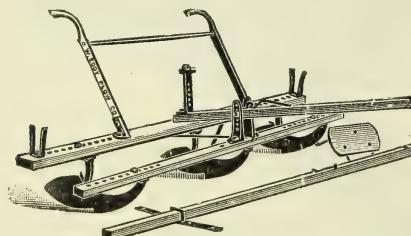
We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground, and do it better.

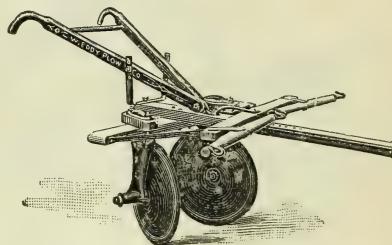


### THE EDDY IMPROVED MARKER

These Markers have chilled Shoes or Runners with steel wings bolted on, and may be easily replaced when worn. Frames made of seasoned oak, firmly braced and bolted together, arranged with holes permitting the adjustment of the shoes to any width desired. Gauge is adjustable and swings to either side. It will save time enough to pay for it in one season, also improve the looks of your fields. Price.....\$11 00



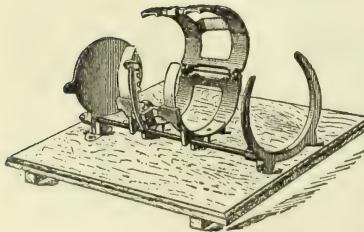
### EDDY'S NO. 10 DISK HOE AND COVER



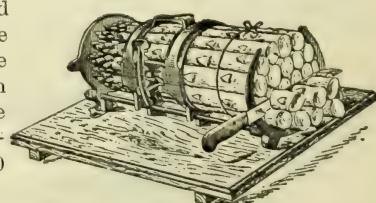
The Eddy Disc Hoe and Coverer have 20 inch steel Discs, adjustable handles and are invaluable for covering and ridging all kinds of row crops. Adjustable in every way it is one of the best implements on the market.

Price.....\$10 00

## ACME ASPARAGUS BUNCHER



A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent. Price.....\$1 90



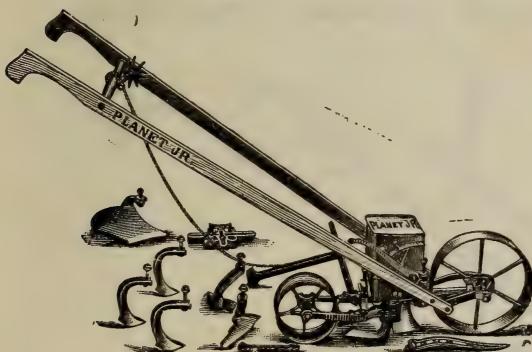
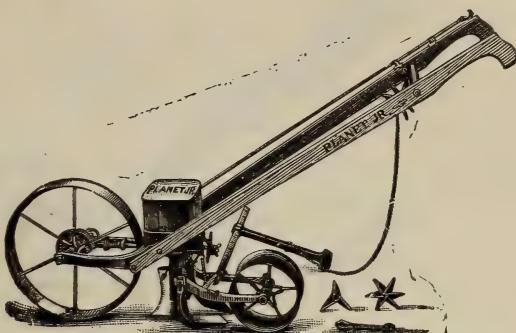
## "Planet Jr." Farm and Garden Tools

The new "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

Remember, "Planet Jr." machines are the recognized standards throughout the world, and are guaranteed by the manufacturers.

**"Planet Jr." No. 3 Hill and Drill Seeder** Price **\$10 00**

Opens the furrows, sows any kind of garden seed accurately in drills or hills, covers, rolls down and marks out the next row—all in one operation. Does six men's work quicker, better, and far cheaper than old-style back-breaking gardening methods. Saves seed and insures a bigger, better yield. Be modern. Use Planet Jr. Seeders, cultivators and wheel hoes, because they are made by a practical farmer and manufacturer who knows what is needed to lighten your labor.



by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.



### Planet Jr. No. 13 Double Wheel Hoe Price \$4.50

This tool is the No. 12 with 6-inch hoes only, these being the tools that are used by everybody. Any or all of the tools shown with No. 12 may be added at any time.

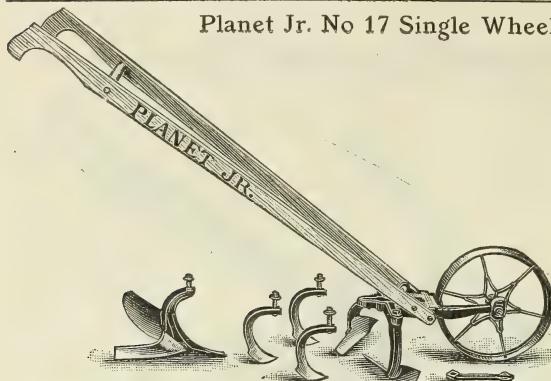
**"Planet Jr." No. 4**  
COMBINED SEED DRILL SINGLE  
WHEEL HOE, CULTIVATOR  
AND PLOW

Price complete **\$10 50**  
" Hill and Drill Seeder only **8 50**

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simply and easily set. The drill is detached and the tool frame substituted

This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts. All the blades are of tempered and polished steel.

PRICE **\$6.50**

**Planet Jr. No 17 Single Wheel Hoe. Cultivator and Plow, Price \$4.75**

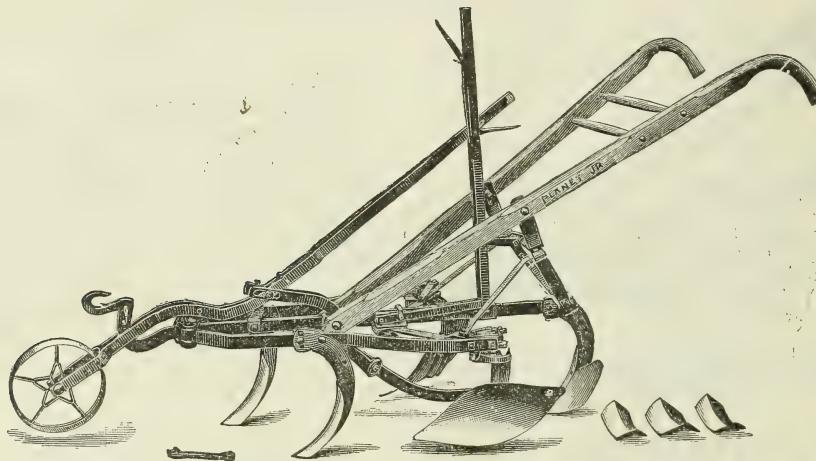
For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of this **No. 17 Single Wheel Hoe**. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The **No. 17** has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

**Get More Out of Your Garden**

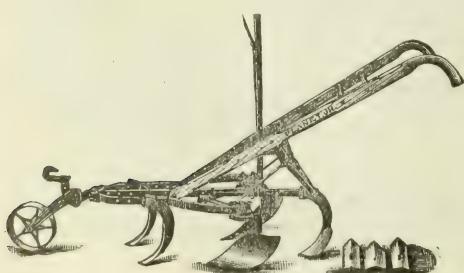
Use the Planet Jr. Combination Garden Tools, and you'll do better work, save two-thirds your time, and get better crops. There's nothing like a Planet Jr. for profitable gardening or farming. Made by a practical farmer and experienced manufacturer. Fully guaranteed.

**Planet Jr. No. 18 Single Wheel Hoe. Price \$3.50 Net.**

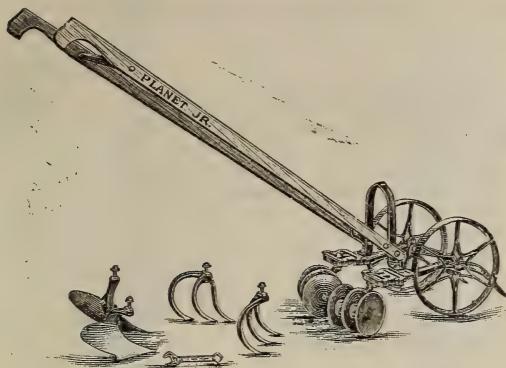
This tool has the same frame and handles as No. 16 but has one pair of 6-inch hoes only—the tools that are most constantly used throughout the season. All the other tools can be added as needed.

**Planet Jr. No. 7 Horse Hoe and Cultivator. Price \$7.98**

Probably no other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. You can do almost anything you want with it in the garden or field. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to and from the row and throws back from centre again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

**PLANET JR. NO. 9 HORSE HOE****AND CULTIVATOR. PRICE \$7.25**

This Admirable Tool is identical with No. 7, except that it has a piano wheel instead of the lever wheel. It has the high frame, patented hollow steel standards, patent lever Star wheel, patent lever expander, and new hollow steel wheel arms.



New No. 14 Planet Jr. Double-Wheel  
Disc-Hoe, Cultivator and Plow

Has three adjustable discs on each side, a pair of new-idea pronged cultivator teeth that run shallow next the row, steels for plowing, furrowing and covering, and a pair of leaf lifters.

PRICE, COMPLETE, \$8.00 NET

No. 38 Planet Jr. Single-Wheel Disc-Hoe

Cultivator and Plow

Is a handy tool for quick thorough garden cultivation. The new style cultivator teeth run shallow next the row, and the leaf-lifter prevents injury to plants. Discs are adjustable for desired depth, and throw to or from the row.

PRICE, COMPLETE, \$7.00 NET

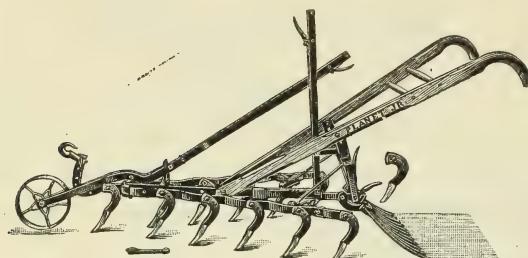


STEEL HOE AND CULTIVATOR

This is our new Steel Hoe and Cultivator, which we are putting on the market for the first time this year.

It has an expanded lever with an adjustable wheel. Will find it a first class tool at low price. \$4.98

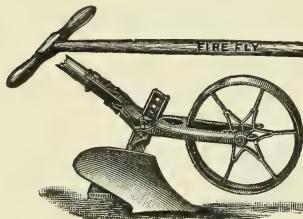
### Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer



Price	\$8 50
Less Pulverizer	6 90
Less Wheel and Pulverizer	5 70

Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adapted to his purposes. With the Twelve-Tooth Harrow here shown you go as deep or shallow as you like, come up close to the row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a

special favorite with strawberry growers, market gardeners and truckers.



### FIRE FLY GARDEN PLOW

PRICE \$2.25



### EXCELSIOR DOUBLE WHEEL HOES

Something different—we've got 'em all skinned. Our Patent Adjustable Joint does the business. Hoes changed to any position by simply loosening a nut. Cuts close to the plant and saves weeding.

Price, Complete, \$5.48



Six Tine Manure  
Fork,  
Strapped, 98c.



Five Tine Manure  
Fork,  
Strapped, 89c.



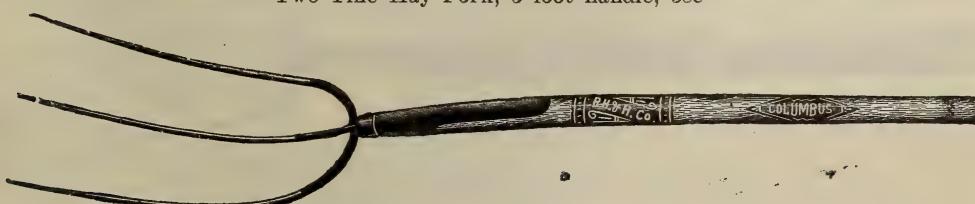
Four Tine Spading  
Fork, Strapped, 75c.  
Plain, 59c.



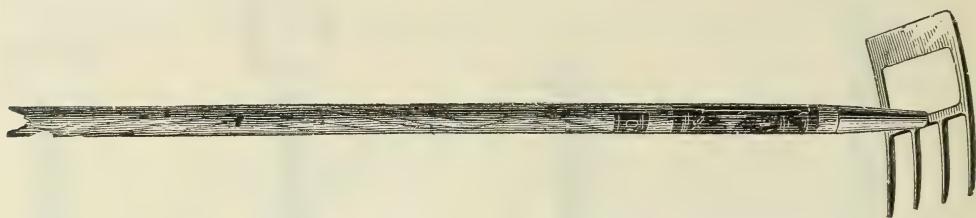
Five Tine  
Spading Fork,  
Strapped, 98c.



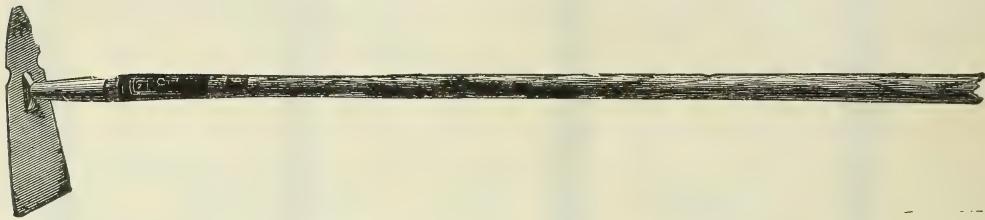
Two Tine Hay Fork, 5 foot handle, 38c



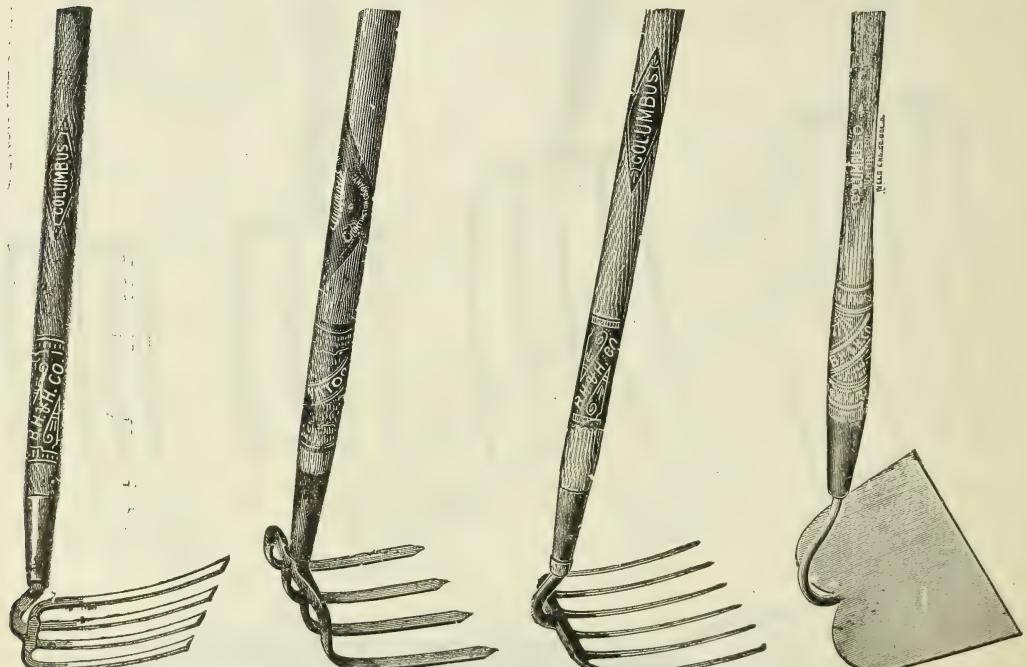
Three Tine Hay Fork, 5 ft. handle, plain, 50c. Strapped, 60c. 5½ ft. handle, plain, 55c. Strapped, 65c.



Two Prong Onion Hoe, 30c. Four Prong Weeding Hoe, Malleable, 25c.  
Six Prong Weeding Hoe, Malleable 25c.



One Prong Onion Hoe, 25c. Two Prong Onion Hoe, 30c.



Four Prong Potato Hook 45c.

Four Prong Potato Hook, Heavy, 50c,

Six Prong Potato Hook, 60c.

Socket Field Hoe 40c.  
Riveted, 25c

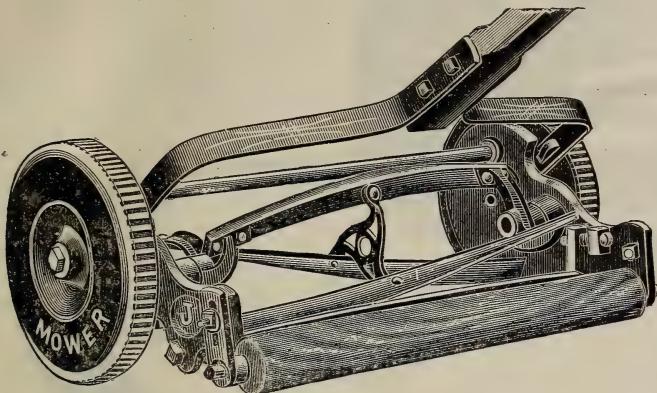


Four Tine Manure Fork, Strapped, 70c. Plain 55c.

## LAWN MOWERS

All of our different styles of **Lawn Mowers** this year are made by the **Philadelphia Lawn Mower Co.**, the Largest and Best Manufacturers of Lawn Mowers in the **World**. Our cheapest as well as our most expensive Mowers being made by this firm, we are the **SOLE AGENTS** in this section of the **State**.

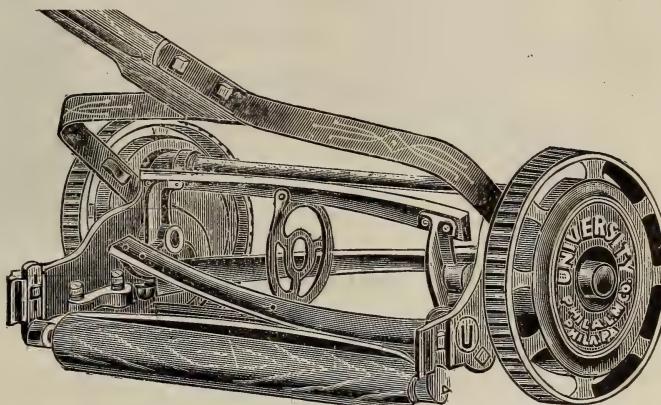
THE NEW PATERSON MOWER. \$2.25



The New Paterson Lawn Mower, 3 blades. Height of driving wheels, 8 inches. Diameter of cylinder,  $5\frac{1}{4}$ . Geared on both wheels. This is the best cheap mower on the market.

Price, all sizes, \$2.25

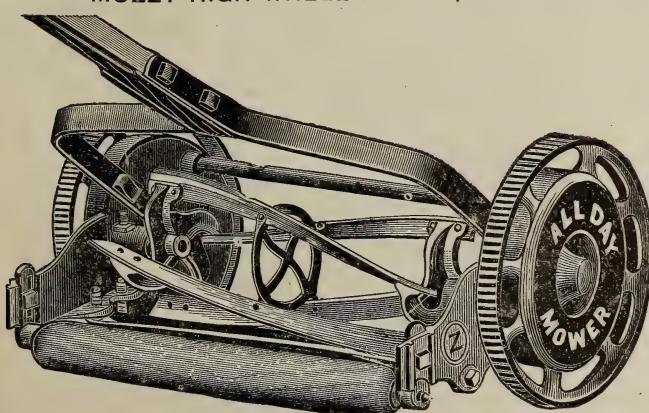
THE MUZZY LAWN MOWER. \$3.48



The Muzzy Lawn Mower, 4 blades, height driving wheels 9 inches. Geared on both wheels. Does good work and superior to many of the so-called first class mowers.

Price, all sizes, \$3.48

MUZZY HIGH WHEEL MOWER, \$4.50 UP



The Muzzy High Wheel Mower, 4 blades, 10 inch wheel.

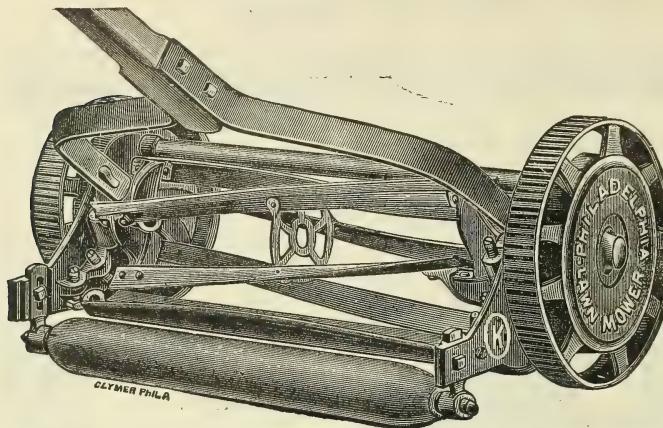
Most Popular Ever Made

Its construction is superior to all others of a like kind.

### PRICES

14 in.....	\$4 50
16 in.....	5 00
18 in.....	6 00

## PHILADELPHIA MOWERS

Philadelphia Lawn Mowers  
Style K

5 blades, 10 inch wheel.  
Best Mower made.

## PRICES

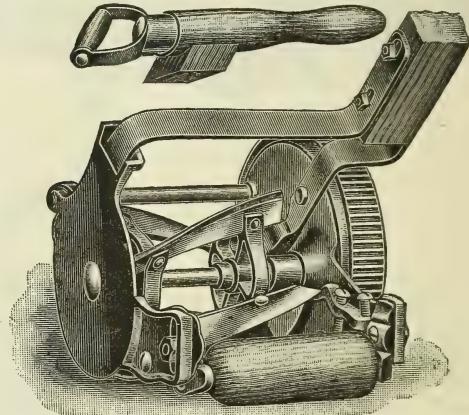
14 in.	\$7 50
16 in.	8 00
18 in.	8 75
20 in.	9 50

## LAWN TRIMMER

For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower.

Cuts within  $\frac{1}{4}$  of an inch of the edge.

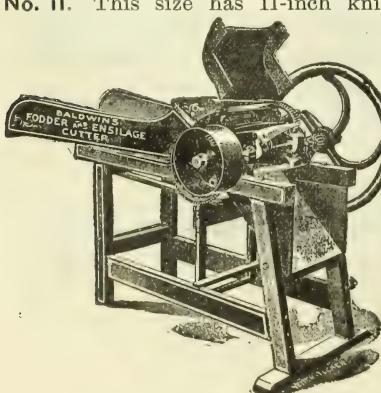
PRICE \$4.98



## THE BALDWIN HAND FODDER CUTTER

1 Knife. 2 Knives.

No. 1.	For hand use; is the smallest size we make. Length of knife, 6 inches; length of cut, $\frac{1}{2}$ , $1\frac{1}{2}$ and 2 in.	\$16 20
No. 9.	Machine has $8\frac{1}{4}$ -inch knife, and is our second size Hand Cutter. Lengths of cut with one knife, $\frac{1}{2}$ , 1, $1\frac{1}{2}$ and 2 inches, with two knives, $\frac{1}{2}$ and $\frac{3}{4}$ inch.	19 80
No. 10.	Has $9\frac{1}{2}$ -inch knife. This size will be found one of the best for persons wishing to cut by hand, from five to eight head. Length of cut with one knife, $\frac{1}{2}$ , 1, $1\frac{1}{2}$ and 2 inches; with two knives, $\frac{1}{2}$ , $\frac{3}{4}$ and 1 inch.	22 50
No. II.	This size has 11-inch knife, and will be found the best for livery stables and farmers wishing to cut by hand for a large stock. Length of cut with one knife, $\frac{1}{2}$ , 1, $1\frac{1}{2}$ and 2 inches; with two knives, $\frac{1}{2}$ , $\frac{3}{4}$ , $\frac{5}{8}$ and 1 inch.	25 65
No. 12.	Is our largest Hand Cutter. It is a large, powerful Cutter, having a 13-inch knife. It is built very heavy and will be found just the thing for any one wishing to cut by hand for a large stock. Length of cut, $\frac{1}{2}$ , $1\frac{1}{2}$ and 2 inches.	28 80
No. 5-A.	Power Wheel.	37 80
No. 13-A.	Power Wheel.	40 50



## LEVER HAY CUTTERS

Noxall, with gauge \$2 98 Little York, with gauge 3 75

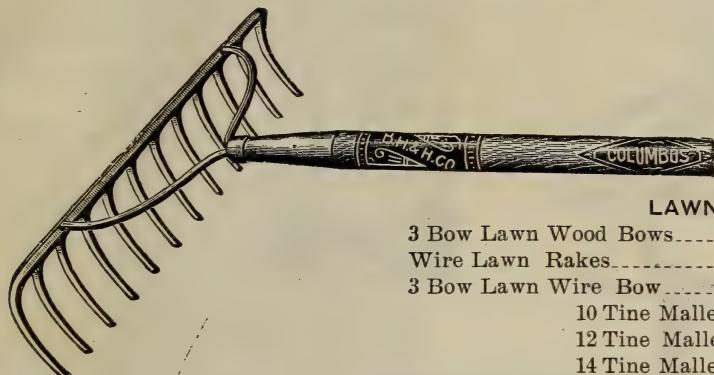
## RAKES AND SCYTHES

### THE OLE OLSEN LAWN RAKE—(Patent Applied for.)

Is made on Scientific Principles Combining Lightness, Neatness, Strength and Durability. The knob on end of teeth, set by our patent process, absolutely prevents the teeth from dropping out.

NOTE PARTICULARLY CURVED HEAD. TEETH ARE CLOSE SET AND CLINCHED

Price, 35c.

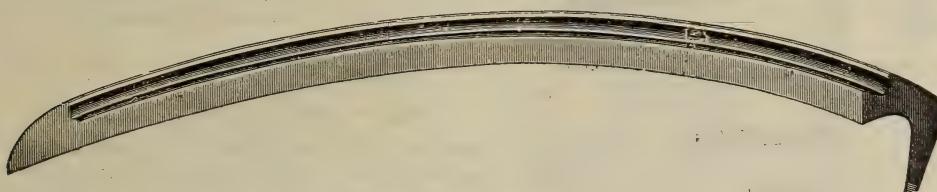


#### LAWN RAKES

3 Bow Lawn Wood Bows	Price \$0 35
Wire Lawn Rakes	Price 35
3 Bow Lawn Wire Bow	Price 38
10 Tine Malleable Rake, 19c,	
12 Tine Malleable Rake, 20c.	
14 Tine Malleable Rake, 25c.	

#### WOODEN HAY RAKES

Wire Bows, 15c., 20c., 25c., 30c., 35c.	
10 Tine Cast Steel Rake, Plain, 40c.; with Bow Brace	50c
12 Tine Cast Steel Rake, Plain, 45c.; with Bow Brace	55c
14 Tine Cast Steel Rake, Plain, 50c.; with Bow Brace	60c
16 Tine Cast Steel Rake, Plain, 55c.; with Bow Brace	65c



#### SCYTHES

Blood's Ribbed Back. Nothing better	\$0 98
Blood's Plain Back, Polished	95
German. A high grade Scythe at a low price	98
English Lawn. An elegant tool for fine work	1 25
Bush Scythe. For rough work	75
Snaths, Patent, Plain and Bush, Seythe Stones and Rifles in variety'	10c, 25c, 39c, 75c, \$1 00
Floral Sets, consisting of Hoe, Spade and Rake	3c, 5c and 10c
Trowels	5 and 10 cents
Strawberry or Pruning Forks	35 cents
Fruit Pickers. Do not bruise fruit.	5 cents
Excelsior Weeder	5 cents
Grafting Wax	1 lb., 10c.; 1/2 lb., 15c.; 1 lb., 25c



English Grass

Hooks, 25 to 40 cents



#### Pruning Shears

19, 25, 40, 65 and 85 cents.

Dibble, Iron or Wood Handle

25c

This tool is indispensable for planting small roots and plants; once tried the gardener will never dispense with it.

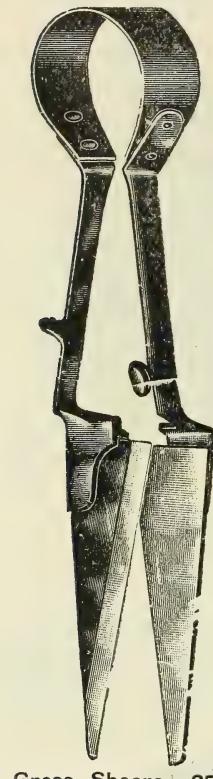


#### Garden Syringe, 50c and upwards

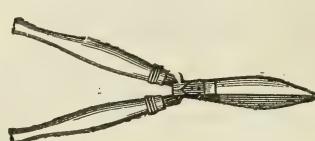
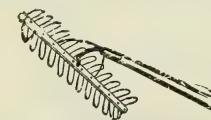


#### Pruning Saws

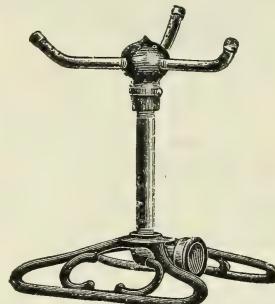
50c and 70c



Grass Shears, 25c

Grass or Hedge Shears  
\$1.00 to \$1.50

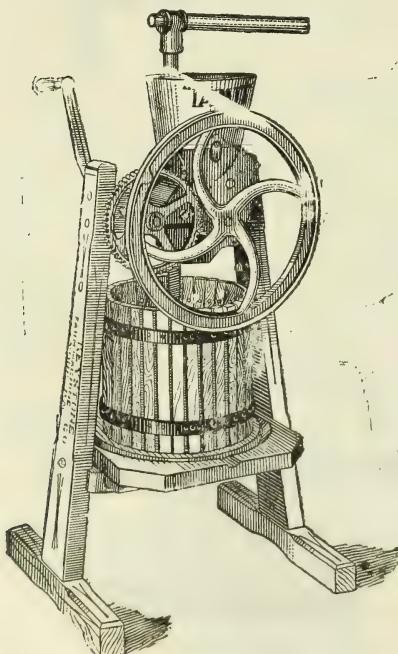
Lawn Rake, 35c

Lawn Sprinklers  
35c to \$5.00Steel Ash Barrel  
Truck

Price, \$2.75.

Wooden Trucks, \$2.50  
and up.

Barrel Trucks, \$1.98.

Patent Sprinkler  
50c, 65c and \$1.00

Price \$9.98

## THE "I AM IT" CIDER MILL

A combined Mill and Press with geared cylinder, and adjustable concave, so that grinding can be done as desired either coarse or fine. It will grind apples at the rate of one half bushel per minute. It is a Self-Feed—you need not poke the apples to the grinding disc.

Price ..... \$9.98

## Wine and Cider Presses

## Diameter of Tub.

No. 1,	10 in.	\$3 98
No. 2,	12 in.	4 00
No. 2½	13½ in.	5 50
No. 3,	15 in.	6 98

## Hutchinson Cider Mill.

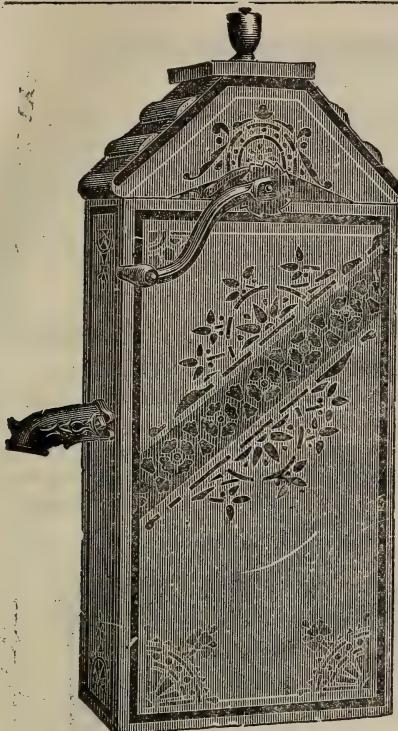
No. 0, ..... Price, \$8 50

No. 1, ..... Price, 9 50

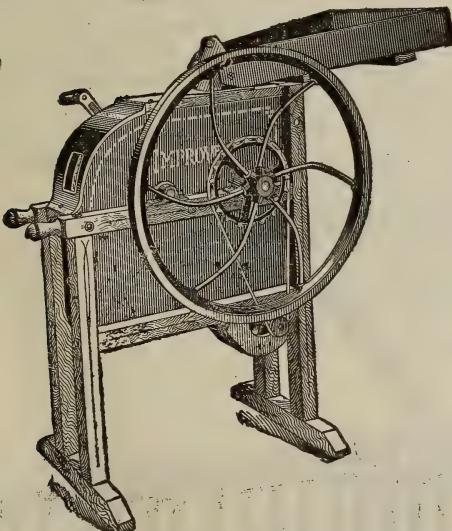
The Grinder No. 0 is the same size as No. 1 but the curb is smaller. The No. 1 will easily grind 10 bushels of apples or twelve of grapes per hour. The curb will contain the pomace of one and a half bushels of apples.

## CIDER MILLS

Junior	.....	\$14 50
Medium	.....	17 50
Senior	.....	22 50



Rubber Bucket Pumps and Extra Fittings



FIRST CLASS CORN-SHELLER

**The Clipper.** Extra high-grade Sheller. Fan attachment for cleaning corn, weight 130 lbs., capacity, 12 bushels per hour. Price \$7.98

**The Cumberland.** This is an approved model and very popular wherever used. The boxes are engine bored and of ample size. Feeding spouts are adjustable, being adapted to different varieties of corn. Weight, 130 lbs. Capacity, 25 bushels per hour. Price \$8.98



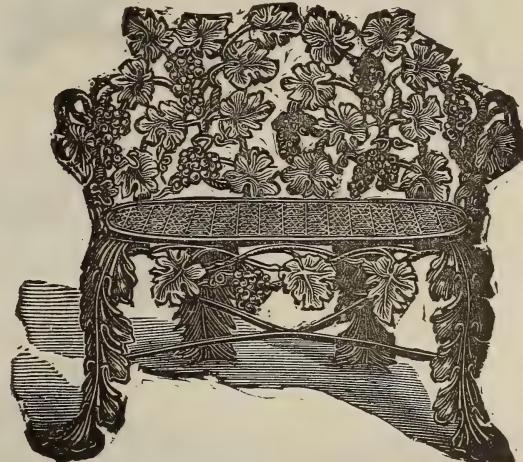
## WATERING POTS

Japanned ..... 15c to 59c

Galvanized ..... 35c to 98c

Extension spouts for galvanized cans extra

## Muzzy Bros. "Park" Settee



No. 3. 6 feet long, bolted slats ..... \$4.48

This is a strong, well made and neatly finished Settee. The timber used in its construction is of the best quality, straight-grained and tough. Ash is the wood used unless otherwise ordered.

No. 20 Lawn Settee ..... \$0.75

No. 27 Lawn Settee, narrow screwed slats ..... 98

No. 28 Lawn Settee, narrow screwed slats, Extra large ..... 1.50

Galvanized Iron Grape Vine, 3 seat ..... 12.50

Galvanized Wire ..... 8.50

Galvanized Iron, 1 seat ..... 4.00

## CYCLE BALL-BEARING STEEL-FRAME GRINDSTONE



Solid Steel Frame with Seat, **\$4.48**  
 Stones 19 to 22 inches, 2 to 2½ inches thick. Best Quality Berea grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making the most rigid frame possible. Built on up-to-date mechanical principles. Weight 85 lbs'

Price **\$4.48**

## THE "STAR" R. F. D. MAIL BOXES

Approved by Postmaster-General

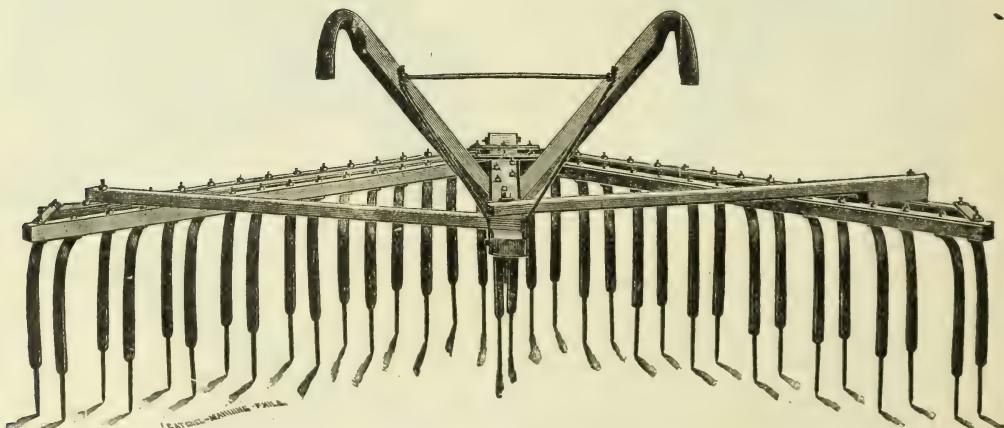
High Grade Boxes at Reasonable Prices, that will please both the dealer and user. No solder or rivets are used in their manufacture, all joints being made by special machinery, leaving seams smooth and slight and without rough edges.



**No. 7, 98c. each**

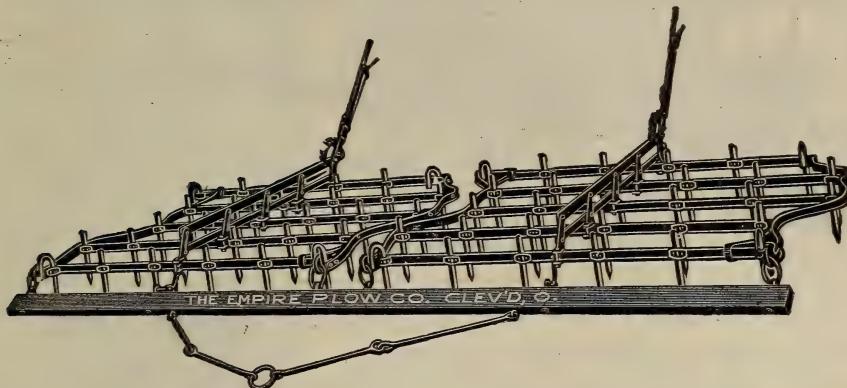
- No. 1. Plain Galvanized, 75c each.  
Are Rain, Dust and Wind Proof
- No. 5. Plain Galvanized, 89c each.
- No. 7. Aluminum Bronzed, 98c each  
Strong, Slight and every way desirable

## KEYSTONE ADJUSTABLE WEEDEER



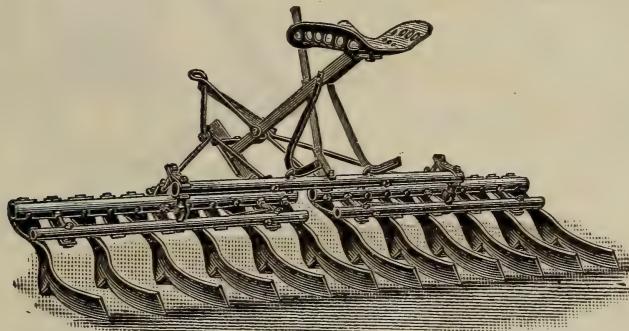
Keystone Adjustable Weeder, expands to 7 feet. Best weeder made, every one guaranteed. Try one, it will increase your crops.

## THE EMPIRE CLOSED END HARROW



The U-bars, channels, oscillating bars and teeth are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in 60 tooth sections, and with 5-8 teeth.

## ACME HARROW, Pulverizing Harrow, Clod Crusher and Leveler



No. H, Price, one-horse - - - - - \$14 00      No. 23, Flexible, Price - - - - - \$16 00



### STEEL TRAY CANAL BARROW

Price with Steel

Wheel - - - - - \$3 75

Wooden Tray and  
Wooden Wheel  
bolted - - - - - 1 75

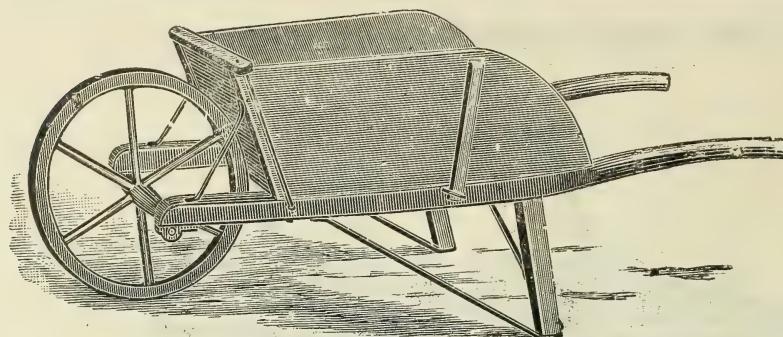
Wooden Tray and  
Steel Wheel, bolt-  
ed - - - - - 1 89

### IRON TUBULAR BAR ROWS

No. 4 - - - - - \$ 6 50

No. 7 - - - - - 7 50

No. 2-D - - - - - 10 00



**Dutchess  
Bolted Garden  
Barrow**

No. 2-B.	Boys' size	\$2 75
No. 3-C.	Medium size	3-25
No. 4-D.	Large size	3 75
No. 1½ Steel Wheel		3 98

**THE FAIRFIELD LAWN SWING**

Easily leads all others in the market for the following reasons:

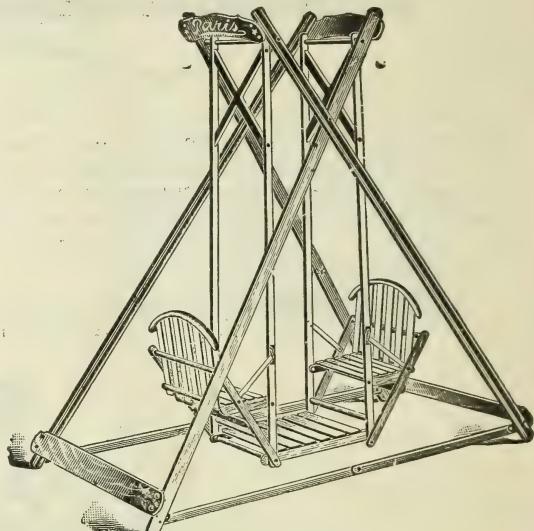
First: Because it is built upon the best mechanical principles—and thus combines the maximum of strength with the minimum of weight, and weds safety to durability.

Its notable lightness makes it easy to handle, while a scientific construction renders it remarkably easy to operate, and secures to it a peculiarly attractive and pleasing appearance,

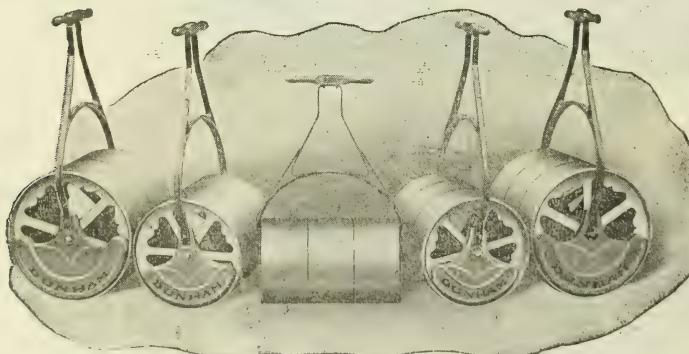
"Tis "Fair" to claim that nothing now in the "field," equals the

**"FAIRFIELD"**

**\$3.98**



Price **\$3.98**



**Dunham Roller  
Bearing Lawn  
Rollers (Patented)**

**Price List of Standard Sizes**  
Length and weight  
precisely as listed.

Rollers are smooth on face and aluminum finish, outer edges rounded to avoid cutting up the lawn.

No.	Diameter Inches	Length Inches	Sections	Weight Pounds	Price
402	15	24	3	200	9.98
404	20	20	2	250	11.98
407	20	24	2	300	13.50

## INSECTICIDES AND REMEDIES FOR PLANT DISEASES

## FARMOGERM



High-bred Nitrogen Fixing Bacteria. At the Nitrates you need for \$2. per acre. Reduce your fertilizer bill 75 per cent. In garden size, 50c.

The use of Farmogerm High-bred Nitrogen Gathering Bacteria on the seeds of Peas, Beans, Clovers, Alfalfa and all other legumes means an earlier and bigger crop and a larger amount of Nitrates added to the soil to benefit future crops of other kinds.

In ordering state what legume you wish to plant. Write for thirty-two page booklet on Farmogerm.

**Lemon Oil—Insecticide.** This well known article is in general use all over the country for destroying Scale, Mealy Bug, Green-fly or Alphis-Ant-Thrip-Caterpillar, etc., on Rose Bushes, Palms, Rubber Plants, etc. Dilute with water 30 to 50 parts.  $\frac{1}{2}$  pt., 25c.; pt., 40c.; qt., 75c.;  $\frac{1}{2}$  gal., \$1.25; gal., \$2.00

**White Hellebore.** An excellent remedy against currant worms, rose slugs, caterpillars, etc. Can be used either dry or in water, 15c per pound.

**Whale Oil Soap.** One of the most effective agents used for destroying scale bug, plant lice and all other insects injurious to vegetation. Price, 1 lb, box, 15c.; 2 lb, box, 25c.

**Standard Fly and Germ Killer.** It is a thorough disinfectant and germicide. Protects horses and cows from the torture of flies. The **Lightning Insect Exterminator No. 1** discharges the preparation in a fine, broad spray without waste and using but very little. Fifty cows can be sprayed in a few moments, 60c. per gallon.

**Pratt's Scalecide** will positively destroy all soft-bodied, sucking insects, including all forms of the dreadful "Scale." It is simple, cheap, easily applied and wonderfully effective. Endorsed by government experiment stations, agricultural schools and thousands of fruit growers.



**Sulphur, Powdered.** A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.

**Hammond's Slug Shot** is an insecticide for the destruction of Potato and Rose Bugs, and all Lice, Worms or Caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco and Cabbage plants, Tomatoes, Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering Plants. 5 lb. pkg., 25c.

**Strictly pure Paris Green.** Market price.

Double Ground Land Plaster, per 100 lb. bag ..... 50c

**BORDEAUX MIXTURE OR FUNGIROID**

For all fungous diseases, such as mildew, and the various rots of the grape. Full directions on label. Dry, 1 lb. box, 20c; 5 lbs. and over at 18c per lb; 50 lbs. for \$7; liquid, 1 qt., 35c; 1 gal., 1.00.

**ROSE NICOTINE**

Most powerful insect and Parasite Destroyer known. Guaranteed to kill Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human Body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House bugs or Vermin.

**SULPHO-TOBACCO SOAP**

**A Wonderful and Inexpensive Insecticide**

**Sulpho-Tobacco Soap** is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

Destroys cabbage-, squash- and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Of special value for spraying shrubs, fruit-trees and vines.

3-oz. Cake makes 1½ gallons prepared solution. 10 cents. Mailed, postpaid, for 13 cents.

8-oz. Cake makes 4 gallons prepared solution. 20 cents. Mailed, postpaid, for 28 cents.

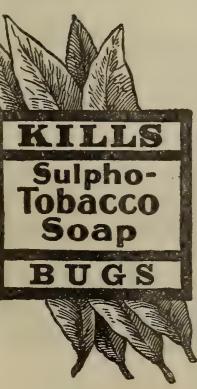
10-lb. Cake makes 80 gallons prepared solution. By Express, \$3.00.

Free with every order, "The Window Garden," a booklet by Eben E. Rexford, giving valuable information on the cultivation of plants and the extermination of insects.

**KILLS**

**Sulpho-Tobacco Soap**

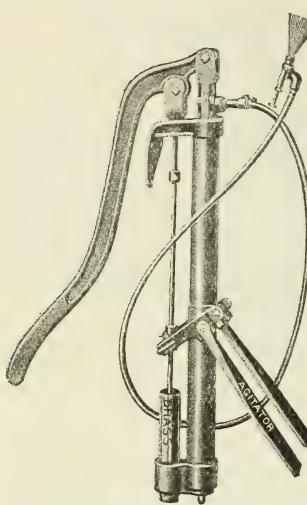
**BUGS**



**KILLS**

**Sulpho-Tobacco Soap**

**BUGS**



PUMP NO 25

PRICE \$6.98

used for spraying fruit trees, etc. The operator is enabled to keep a constant pressure of 50 to 100 pounds at the nozzle with very ordinary exertion. Will throw a solid stream 50 feet, or make a fine spray by adjustment of the nozzle. When spraying, a fine jet at the bottom keeps the solution thoroughly stirred. Price \$3.50. See cut.

**LIGHTNING ALL BRASS SPRAY PUMP**LIGHTNING ALL BRASS  
SPRAY PUMP  
PRICE \$3.50

This spray pump is constructed entirely of brass, so it is not affected by the arsenates

used for spraying fruit trees, etc. The operator is enabled to keep a constant pressure of 50 to 100 pounds at the nozzle with very ordinary exertion. Will throw a solid stream 50 feet, or make a fine spray by adjustment of the nozzle. When spraying, a fine jet at the bottom keeps the solution thoroughly stirred. Price \$3.50. See cut.

**LIGHTNING BARREL SPRAY PUMP NO. 25**

This pump has great capacity, and will throw a continuous stream, or any sized spray desired, by the use of our graduating nozzle. The air is compressed into the air chamber, thereby giving an unbroken stream, and making it the most rapid spraying pump made. The agitator thoroughly stirs the liquids and prevents the same from settling. It is adapted for all kinds of spraying, whitewashing, etc. Price, \$6.98. (See cut.)

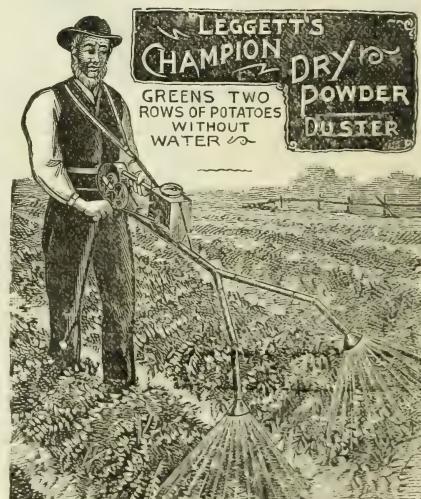
**GLASS TANK SPRAYER**

A general utility sprayer, adapted to all liquid Disinfecting and Poison Preparations for Orchard, Field and Garden, as well as for use on Cattle, Horses, Sheep, Swine and Poultry. Capacity One Qt. Price 65 cents. 1908 Pattern.

**CHAMPION DRY POWDER GUN**

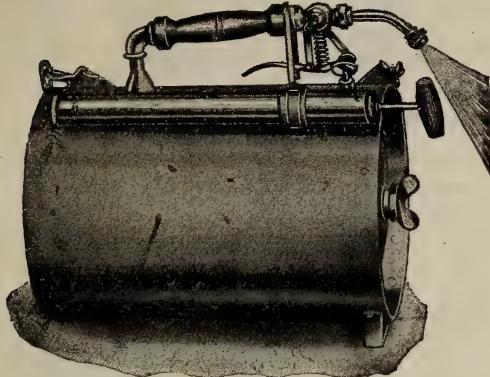
For applying dry Paris Green, Hellebore, etc., to plants and trees, the powder being evenly distributed over a wide space with the least possible waste. The quantity may be regulated as desired.

PRICE \$7.00.



**"LIGHTNING" WHITEWASH SPRAYER**

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chambers and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc. Galvanized iron, \$2.25, brass, 2.75.

**The Lowell Fountain Compressed Air Sprayer.**

One pumping will expel entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. The Automatic Thumb Lever Valve is at all times under complete control of operator—hence none of the solution is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable couplings for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity 3 Gallons. Price \$4.98.

**The "Lowell" Blow Powder Sprayer** is fitted with a Ball Valve which is positive in its action, preventing any powder being drawn back into the pump—thus insuring at all times a perfect working machine. Adapted to Paris Green, Slug Shot, Bug Finish, Lice Powder and all Dry Powder Disinfectants and Poisons. Aluminum finish. **Caution:**—Powder must be thoroughly dry. Price 50c.

**HOSE REELS**

	Price
No. 1 Hard Wood, for 50 feet hose	\$0 59
2 " " " 100 " "	1 00
1 K. C. All Metal Reel for 100 feet hose	1 75
1 All Metal Reel for 100 feet hose	2 75

The most durable Reels made; nothing to break or get out of order.

All grades Garden Hose, from 8c. per foot.

Hose, Nozzles, Hose Couplings, Hose Bands and Hose Menders for Repairing your old Hose.

The Sprinklers mentioned below can be attached to our Hose, for which purpose we supply Free one pair of couplings to every 25 or 50 feet of Hose purchased.

**THE "WATER WITCH" LAWN SPRINKLER**

In constructing this device the main object was to produce a sprinkler that would scatter the water more evenly and over a larger area than would any other sprinkler. This purpose has been fully realized in the "Water Witch."

**Mayflower Lawn Sprinkler.** A perfect revolving three-arm Sprinkler that will cover a space thirty or forty feet wide. Price \$0 89

**Twin Comet Lawn Sprinkler.** Covers greater area than any other Sprinkler made, height 17 inches; weight 6 pounds. Price 50c

**VAN'S GERM AND INSECT DESTROYER**  
A PERFECT DISINFECTANT  
A THOROUGH ANTISEPTIC  
A PURIFIER  
That is inexpensive and effective.  
A Preparation of unquestioned Value.  
PUT UP BY  
**VAN WINKLE & VAN WINKLE**  
RIDGEWOOD, N. J.

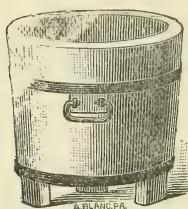
Sole Agents, 10c

**V&V OIL**

CLEANS  
POLISHES  
PREVENTS RUST  
and  
LUBRICATES

MANUFACTURED BY  
**VAN WINKLE**  
**VAN WINKLE**  
RIDGEWOOD, N. J.

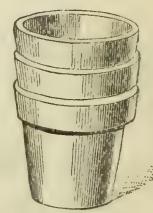
Sole Agents, 10c



<b>Tree Tubs.</b>	No. 1	Round-----	\$0 98
" "	2	"-----	1 39
" "	3	"-----	1 75
" "	4	"-----	2 50
" "	Small Square	-----	98
" "	Medium Square	-----	1 39
" "	Large Square	-----	1 50

**Flower Pots.** Finest quality machine made in sizes  $2\frac{1}{2}$  inches to 14 inches.

**Indurated Fiber Rolling Stands** for large flower pots and tree tubs.



**Scollay Rubber Sprinklers**, 50, 65 cents and \$1.00.

**Flowers and Clothes Sprinklers**, 35 cents. **Dahlia Poles**, 2, 3, 4, 5 and 6 feet.

### THE BLANCHARD CHURN

The body of the Churn being Cylindrical, all the cream is churned alike and at the same time making streak butter impossible. This is conceded by all to be the best churn on the market.

#### Price List Family Sizes

No.	Will Hold	Will Churn	Price
3	4 gals.	2 gals.	\$4 50
4	8 gals.	4 gals.	5 25
5	16 gals.	8 gals.	5 98
6	24 gals.	12 gals.	7 50
*7	32 gals.	16 gals.	9 00

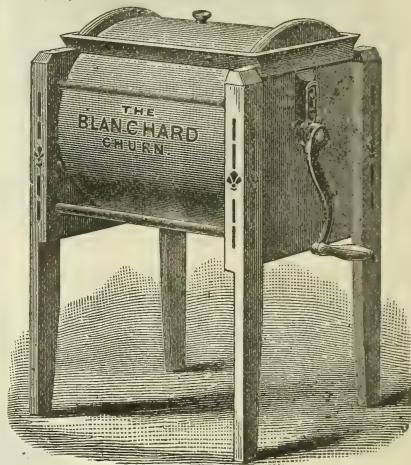
\*This size has crank on each end.

### THE CYLINDER

#### PRICE LIST

No. 0	\$1 90
No. 1	2 00
No. 2	2 65
No. 3	3 00
No. 4	3 75

Superior in materials and workmanship. Made from specially selected stock and highly finished. Acknowledged the best Cylinder Churn on the Market.



from right to left, outer beater from left to right and the inner beater in the opposite direction. Under ordinary conditions it will produce in about 3 minutes a thoroughly beaten, smooth velvety cream.

1 2 3 4 6 8 10 12 16  
Price

\$1.50 1.75 1.98 2.39 3.48 4.48 5.75 6.98 9.98

### THE LIGHTNING CHURN

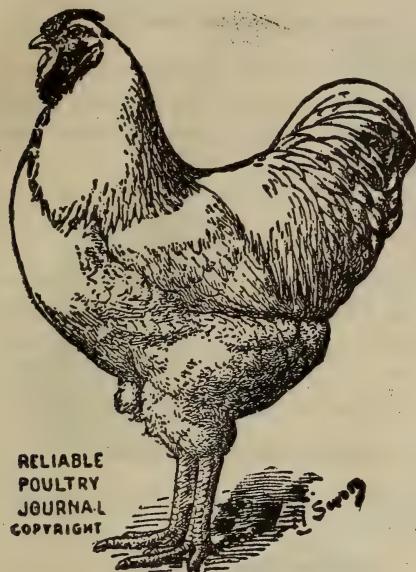


**"GET THE BEST."** This has been made to supply the demand for a small cheap Churn. It is strong and durable, with no parts to get out of order. It has a double dasher, and will churn quickly if desired.

#### Sizes and Prices

No.	Will Hold	Will Churn	Price	No.	Will Hold	Will Churn	Price
0	4 gals.	2 gals.	\$2 25	1	6 gals.	3 gals.	\$2 75
2	8 gals.	4 gals.	3 25	3	10 gals.	5 gals.	3 75

We also carry in stock DASH CHURNS, in all sizes



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POULTRY  
JOURNAL  
COPYRIGHT

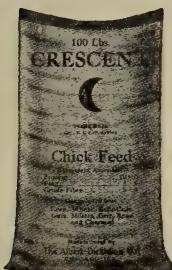


**The "SUN" Chick Starter  
A Baby Chick Feed**

This is the food to start chicks right. In size and in contents it is adapted to the wants of chicks for the first twenty days.

It contains the elements of growth and it is a food the chicks can digest.

50 lb. bag at \$1.50. 100 lb. Bag at \$2.75



**"CRESCENT" Chick Feed  
For the Growing Stage**

The Crescent Chick Feed is designed to take the little chicks where the "Starter" leaves off, at about the age of twenty days, and carry them through to the end of the eighth week.

50 lb. Bag at \$1.38. 100 lb. Bag at \$2.50

**DEVELOPING FOOD**

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

50 lb. bag at \$1.38. 100 lb. bag at \$2.50

**LAYING FOOD**

A ground food ready for the mash made up of carefully selected materials that will greatly increase the production of eggs. The use of this food will greatly increase the profits of the poultry raiser and cannot be too highly recommended.

50 lb. Bag at \$1.30. 100 lb. Bag at \$2.25

# HIGH GRADE Poultry and Pigeon Supplies

## A Line of Poultry Feeds for Systematic Feeding

The great need of poultrymen is for a dependable main ration, which shall be the basis of all feeding—something which, with necessary changes for age of fowls, may be used continuously from the beginning to the end of the feeding operations.

The line of poultry feeds hereafter given is believed to furnish the base for the best system for scientific feeding of poultry that is available.

### "QUEEN" Poultry Mash a Poultry Need

The mash with many poultrymen enters largely into the feeding plan.

The theory is that it is easily digested, warms up the fowl's system, causes the blood to circulate properly and thus gives health, strength and good feeling. It is a select mixture of ground feeds made from choicest, sound, sweet, wholesome grain. It contains absolutely nothing but what is of real value and is at the same time a growing and a health food, a molting food and an egg-producer.



50 lb. Bag at \$1.38. 100 lb. Bag at 2.25

### SCRATCH FOOD

For Grown fowls, Suitable at all Seasons.

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon, late in the afternoon feed all the mash food they will clean up.

50 lb. Bag at \$1.15. 100 lb. Bag at \$2.25

### BEEF SCRAPS

Standard Meat Food for Poultry of all Ages. High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor Beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

100 lb. Bag at \$3.00.



**PRATT'S POULTRY FOOD.**

A specially prepared and highly nutritious food, used at all the principal shows all over the world. The most successful food for all kinds of poultry.

1 lb. at 10c. 25 lb. at 7c. 100 lbs. \$5.50

**MUZZY "PIGEON FEED" A SQUAB DEVELOPER**

Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier, the man who raises birds for their beauty, for the show, for the pleasure their is in it, or for sporting, finds in our Pigeon Feed a combination suited to his needs.

50 lb. Bag \$1.50. 100 lb. at \$2.50

**CHARCOAL**

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades;

- No. 2, Fine, for use on mash mixtures;
- No. 1, Medium, for small chicks;
- No. 0, Coarse, for fowls.

1 lb. 3c. 5 lbs. 15c. 10 lbs. 25c. 25 lbs. 65c.  
100 lbs. \$1.90

**GROUND BONE, Fine and Granulated.**

Ground bone is made from the Dry Bone and contains Phosphates, Lime and Protein and is especially valued as an egg producer.

5 lbs. 25c. 10 lbs. 40c. 25 lbs. 88c. 100 lbs. 2.50

**CUT ALFALFA CLOVER.**

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Mealed Alfalfa is a boon to poultryman. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

5 lbs. 15c. 10 lbs. 52c. 25 lbs. 60c. 50 lbs. 1.10  
100 lbs. \$1.90.

**CUT RED CLOVER**

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

5 lbs. 15c. 10 lbs. 25c. 25 lbs. 60c. 50 lbs. \$1.  
100 lbs. \$1.90

**CRUSHED OYSTER SHELLS**

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb. 1c. 5 lbs. 5c. 25 lbs. 25c. 100 lbs. 50c.

**CRYSTAL GRIT**

We supply 4 sizes of Grit No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb. 2c. 5 lbs. 10c. 25 lbs. 35c. 100 lbs. 70c.

**FOUST'S HEALTH GRIT**

1 lb. 3c. 5 lbs. 15c. 10 lbs. 30c. 25 lbs. 75c.  
100 lbs. \$2.00.

**SEEDS AND GRAINS**

We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kafir Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

**GRIT AND SHELL BOX**

Sanitary grit and shell boxes make a material saving on grit and oyster shells, ground bone, charcoal or poultry foods. They are practical self feeding boxes made of heavy galvanized iron.

50 cents each.

**SANITARY DRY FOOD BOX**

Dry Food hopper is a practical labor and food saving device for feeding dry grain, whole or ground.

75 cents each

**STONE POULTRY FOUNTAINS**

1 qt. 20c. 2 qt. 25c.  
4 qt. 30c. 8 qt. 35c.

**SANITARY GALVANIZED****IRON DRINKING  
FOUNTAINS**In assorted sizes and styles  
1 gal. 50c. 2 gal. 85c.**CONE TOP GALVANIZED IRON  
FOUNTAINS**

1 qt.	\$0 20
2 " "	25
4 " "	35
8 " "	55

**BANTY SANITARY DRINKING FOUNTAIN**

This is one of the Best Fountains on the market. It can easily be taken apart and cleaned. It can be placed on the ground or hung on the wall. These are made of heavy galvanized iron and suitable for either poultry or pigeons.

Three Sizes

½ gal.	\$0 50
1 gal.	75
2 gal.	98

**ZERO INCUBATOR AND BROODER LAMP**

\$1.00 each.

**INCUBATOR AND BROODER LAMPS.**

With seamless founts drawn in one piece and galvanized after drawing.

7 inch by 2½, No. 2 burner, and chimney	75c.
7 in h by 2½, No. 3 burner and chimney	98c.

**PORCELAIN NEST EGGS.**

These eggs are made of first class flint and do not break and will last indefinitely.  
Price, 2 cents each.

**PAPER EGG BOXES.**

in 1,000 lots, \$6.50. Regular 1 dozen sizes, 12c. dozen; 80c 100, \$5.50 1,000.

We carry a good wood box of good pine stock and Egg Spring Holders. Best thing made for shipping. Write for price.

Just the thing for your family egg trade, they ship knocked down, can easily be set up.

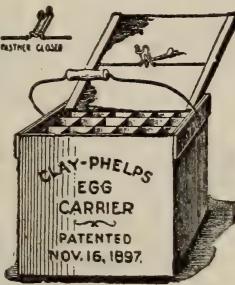
Extra heavy;  
1 dozen sizes, 15c  
dozen; 90c 100,  
80c 100, \$5.50 1,000.

**RELIABLE EGG CARRIER**

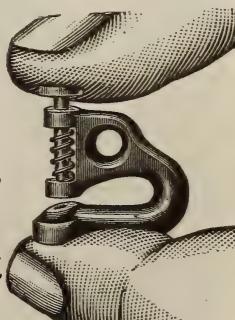
Is made with an adjustable cover and a patent combination lifter and fastener, which is far superior to other similar devices now on the market. There is no more durable or better carrier made. A necessity to all poultrymen. Prices are as follows:

9 doz. size, each, 45c;  
per dozen, \$3.50.

12 doz. size, each, 50c;  
per dozen, \$4.00.

**RELIABLE SPRING LEVER****POULTRY PUNCH**

If you keep a record of your chicks, of the different breeds, hatches, strains, etc., there is no better, quicker or easier way than by using our latest invention.

**PHILADELPHIA****Chick  
Marker  
Price 25c**

## GEM FOLDING EGG TESTER

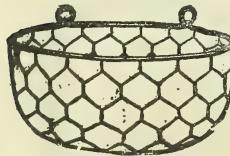


A tester consisting of pasteboard and a strip of mirror. The tester has been in common use for years, is very popular and fills a longfelt want for something accurate and cheap. Price 50c.

## METALLIC EGG TESTER

We manufacture what is probably the neatest and surest metallic egg tester on the market. It consists of a metal lamp chimney and tubular projection. Is made in two parts so the tubular projection can be removed and chimney used separately. 50c each.

## WIRE CHICKEN NESTS



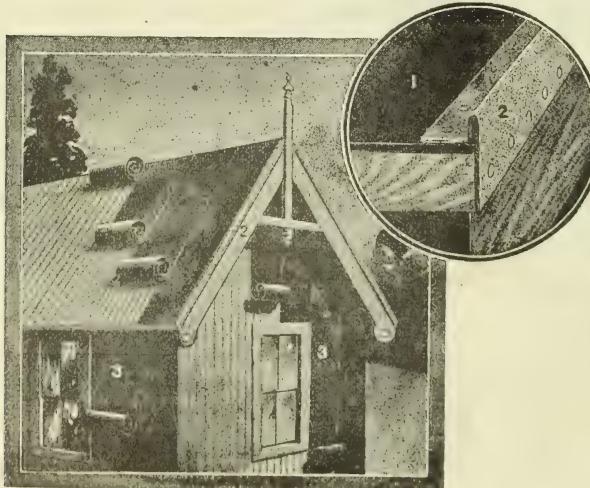
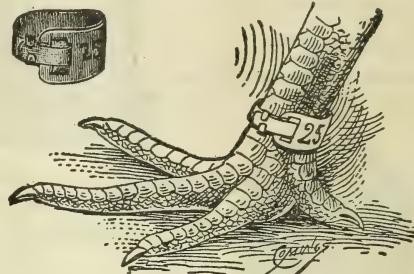
These nests are strongly made from heavy Japanned Steel wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgment of life, vermin of any kind, easy to keep clean and far superior to wooden boxes.

Price each. 15c per dozen, \$1.50.

## PIGEON NESTS

Should be used by every pigeon fancier. Made of red clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

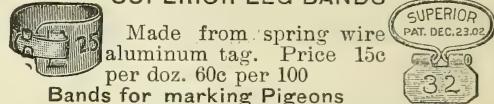
Price 10c. each. \$1.00 per dozen.

IMPROVED CHAMPION LEG BANDS  
ALUMINUM

This is a well known band, is one of the best on the market, is light and strong being held by a double lock, is impossible to come off.

15c per dozen; 25 for 20c.: 50 for 35c. 100 for 60c.

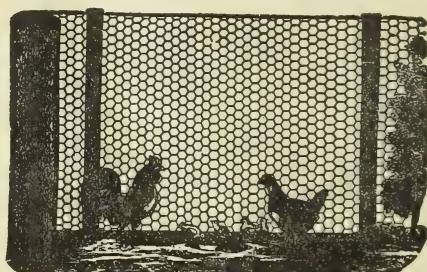
## SUPERIOR LEG BANDS



Made from spring wire aluminum tag. Price 15c per doz. 60c per 100

Bands for marking Pigeons

## POULTRY NETTING



Wire 2-inch Mesh. 1 ft. 2 ft. 2½ ft. 3 ft. 4 ft. 5 ft. 6 ft. No. 20 Wire 1 inch Mesh. 1 ft. 2 ft. 2½ ft. 3 ft. 4 ft. Market Prices

## TAR ROOFING PAPER

This paper is manufactured by a reliable manufacturer is watertight, durable, strong impervious to air and is not affected by heat or cold.

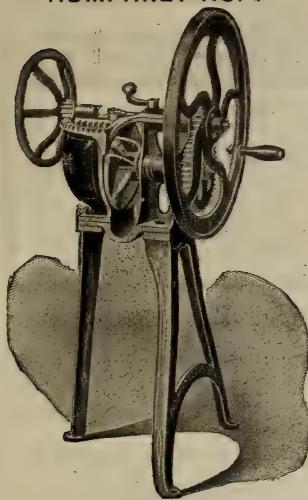
2 Ply Roll 70c. 3 Ply Roll 95c. Nails and Tins for above.

## AQUAROID ROOFING

This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid, gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights.

1 Ply 35 lb.	\$1.50 per roll
2 " 45 "	2.00 " "
3 " 50 "	2.50 " "

## HUMPHREY NO. 1



No. 1—Hand Power. Capacity, 10 to 200 hens. Weight, 120 pounds. Price, \$12.00.

## THE HUMPHREY DRY BONE AND SHELL MILL

Is a combined roughing roll and plate grinding mill designed to grind dry bone, oyster shell, crockery, charcoal, etc., and at the same time will grind shelled corn and other grains into coarse meal. Cracked corn is an ideal way to feed this grain and the Humphrey mill makes easy work of it. The grinding parts of the mill are made of hard white iron, and will last for years. Just the machine for a poultry farm to make feed of the house refuse that otherwise would go to waste.

No. 5. B. \$8.00. No. 5. BM with legs, \$10.50  
No. 7. with legs, \$12.00. No. 9. \$17.00.

## LOWELL SPRAYER FOR SPRAYING LIQUID LICE KILLER



## Humphrey Open Hopper Bone Cutter

The Humphrey Bone Cutter does better work because

It takes a large bone without any preliminary cutting with an axe, as it is necessary in many types of bone cutters;

It turns more easily;

It cuts more rapidly;

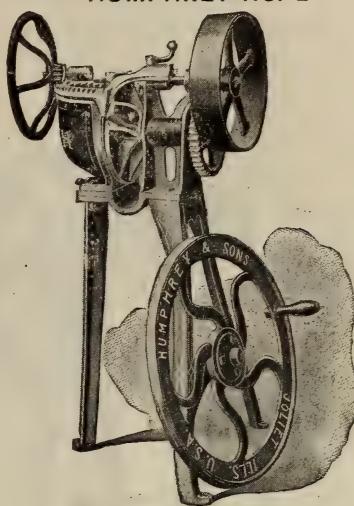
It does not break or get out of repair; and

It is easily kept clean.

The construction is extremely simple yet strong and effective. The Humphrey has an always open hopper and is entirely free from springs, screws and split nuts. It works with direct action and is freest from friction of all bone cutters.

Price List  
No. 1 Hand Power..... \$12.00  
No. 2  $\frac{1}{2}$  Hand and Power.. 15.00  
No. 6 Direct Power..... 22.00

## HUMPHREY NO. 2



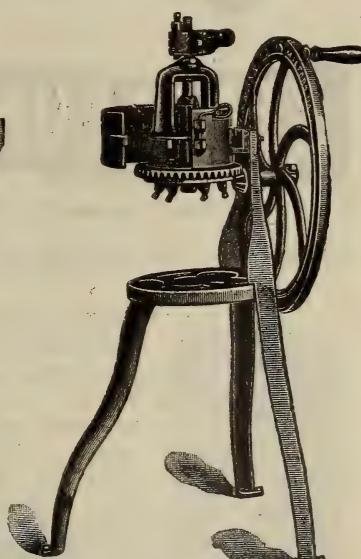
No. 2  $\frac{1}{2}$ —Semi-Power, Capacity by hand, 200 hens: by power 600 hens. Weight, 135 pounds. Pulley 12 x  $2\frac{1}{2}$ , 300 revolutions;  $\frac{1}{4}$  to 1 horse power. Price \$15.00



Dry Bone Mill \$4.25

## MANN'S Pat. Bone Cutters

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machine on the market today for cutting green bones.



No. 7 Mann.

## LOWELL SPRAYER

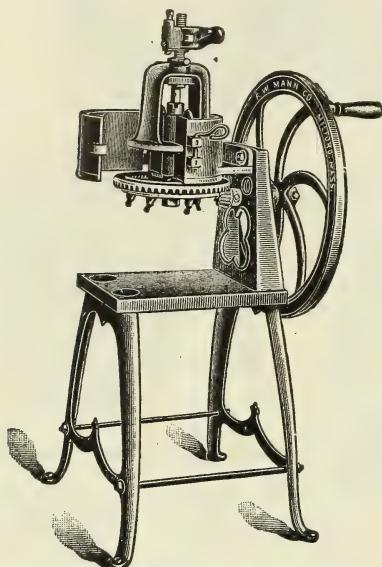
It discharges the preparation in a very fine spray without waste, and uses very little.

Price per Gal. Iron, 45c.,

Brass, 75c.

## MANN'S PAT. BONE CUTTERS

NO. 9



# ZENOLEUM

SEND FOR FREE 64 PAGE VETERINARY BOOK

## LICE POWDER DISINFECTANT

25c. per box. 25c. and 50c. per can

## ROSE NICOTINE

Most powerful insect and Parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruits, trees, vegetables, human body, dogs, cats, fowls, earth-worms, ants, also any house bugs or vermin, 10c. per lb.



## PURE SULPHUR

## FUMIGATING

## CANDLES

5c. and 10c.

Rust's Egg Record, lasting one year, and excellent Poultry Booklet, FREE

## GET PLENTY OF EGGS



Feed does not contain everything needed, so eggs get scarce. Make the feed complete by adding

## RUST'S EGG PRODUCER

20 YEARS' SUCCESS

Prices—1 lb. 25c.; 2 1-2 lb. 50c.; 6 lb.

\$1.00; 10 lb. \$1.50; 25 lb. \$3.50.

Refuse substitutes. Get a box of RUST'S EGG PRODUCER to-day.

Costs 2 cents a month for each hen to use RUST'S EGG PRODUCER

The best investment of its size on earth.

### RUST'S HAVENS CLIMAX POWDER



CURES SICK FOWLS  
AND  
KEEPS THEM HEALTHY

### RUST'S HAVENS CLIMAX POWDER.

For 20 years has cured Fowl Cholera, Gapes, etc., saving large numbers of fowls and making chicken and turkey-raising profitable. It also prevents disease and keeps fowls healthy. Once tried always used. Five sizes; 25c.; 50c.; \$1.00 etc. Booklet of valuable facts also egg-record free.



## PROTECT YOUR HENS

From lice, mites, etc. Fowls cannot lay well, fatten well or sit well if infested with these parasites.

### RUST'S LICE-KILLING POWDER.

kills all vermin and keeps vermin away. Does not affect the eggs.

Prices: 5 oz. box 10c. 16 oz. box 25c. 48 oz. box 50 112 oz. box \$1.00. Booklets of valuable poultry facts also egg-record free.



## RUST'S HAVEN ROUP PILLS CURE

When everything else fails, 25c., 50c. and \$1.00 per box.

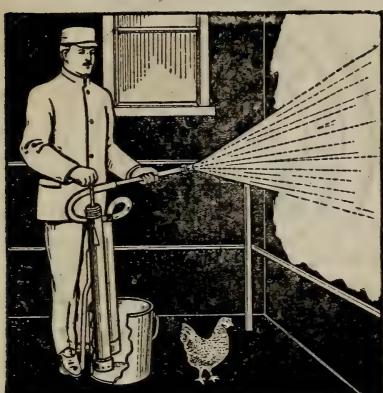
## Rust's Soluble Roup Powder.

Is warranted equal to any soluble Roup preparation and is only,

25 cents per box.

Muzzy Brothers Sole Agents for Paterson, N. J.

For the past 20 years.



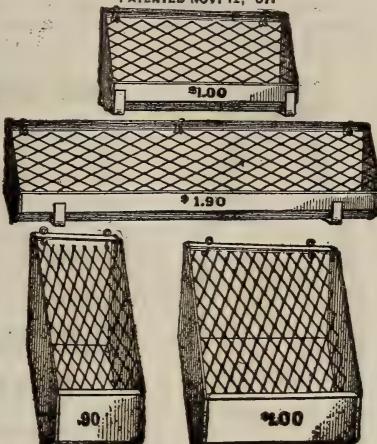
### WHITEWASH SPRAYER

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves.

Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward strokes. Galvanized Iron, \$2.25. Brass \$2.75.

**"THE BOSTON"  
POULTRY DRY FEED HOPPER CO.  
BOSTON MASS. U.S.A.**

PATENTED NOV. 12, 1907.



FLY-KILLER OIL

### BOSTON HOP- PER RAT PROOF

These Hoppers are absolutely automatic and positive in their action. They cannot clog; they do not waste. They are made of galvanized iron with swinging grid (mesh) and hold from  $\frac{1}{2}$  peck to  $\frac{1}{4}$  bushel respectively, and will last a lifetime. Feed is always accessible and in sight. They save labor and grain (money).

### SOLE AGENTS FOR

## Cyphers Incubators and Brooders



STANDARD  
CYPHERS INCUBATOR.  
Fire Proofed.—Insurable.

### NO. 1 INCUBATOR

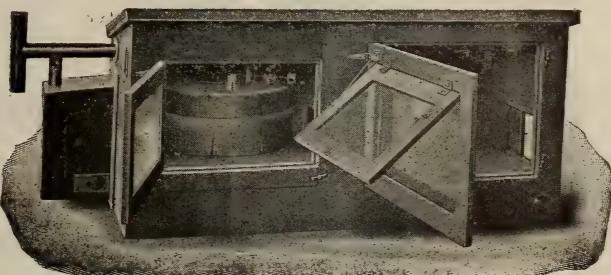
**144 EGG CAPACITY, \$22.00**

The Cyphers is the best known Western Incubator-made. Is self-regulating and ventilating and giving satisfaction under all conditions.

### STYSTE B BROODER

**1910**

Self Regulating and ventilating, 3 apartment combination Brooder and Colony Roosting Coop with adjustable Hover. Complete \$16.50. Style C \$18.50



SEND FOR ILLUSTRATED CATALOGUE

## DAIRY AND MILKMEN SUPPLIES

We wish to call your attention to our most complete line of DAIRY and MILKMEN SUPPLIES. Our assortment is the largest and the prices most reasonable in this section of the State. We herewith append a partial list with prices attached.



### Milk Bottles

No. 2 Common Sense	
1 Qt.	1 Pt.
Doz.	Doz.
65c.	50c.
Gross	Gross
\$6.50	\$5.00
	\$4.75

In 5 gross lots we quote lower prices. Name blown on bottles Free in one gross lots.

### MILK BOTTLE

#### BOXES

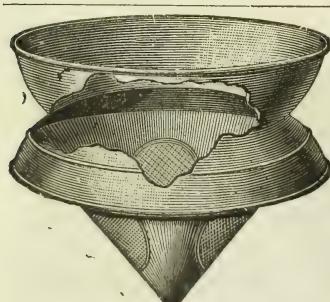
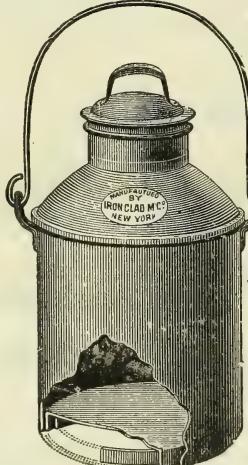
1 qt. size hold 12 bottles,	
7-8 inch with cover	\$1.20
1 qt. size hold 12 bottles with cover	89c

1 qt. size hold 12 bottles without cover	60c
1 qt. size hold 12 bottles, 1 inch thick without cover	75c
1 pt. size hold 24 bottles, with cover	\$1.25

### MILK PAILS

One quart to twenty quarts.

**10c to 1.75**



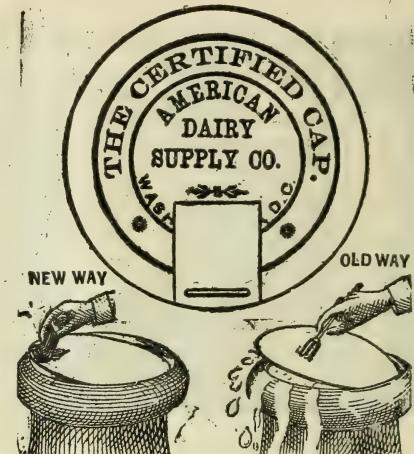
**Milk Can  
Strainers  
Tuthill's,  
95c.**

**Milk  
Skimmers  
5 cents**

Dairy Thermometers, 15c each

#### LACTOMETERS

Approved by the N. Y. Board of Health, to test the Quality of Milk, 50c each.



### MILK CAPS

Heavy Waxed, Printed, 25c. per 1M.; \$1.10 per 5M.

Heavy Waxed, with Lip Printed, 25c. per 1M.; \$1.10 per 5M.

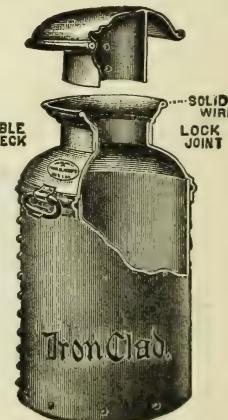
New Lip Cap. Lip will not pull off, 35c. M.; \$1.50 per 5M.

Thin Caps for Tin Top Bottle, 5 lbs., 50c. Name and Address printed free on lots of 100M.

### MILK CANS

Iron-Clad Milk Cans  
the best can manufactured.

20 quarts	-	\$1.85
30 quarts	-	2.50
40 quarts	-	3.00



### Milk Bottle Car-

#### riers

6-1 Qt. Bottles 69c.  
8-1 Qt. Bottles 98c.  
In Galvanized Iron Wire.

### MILK PANS

Tin, 10c. to 15c.  
Enameling Ware, 15c. to 35c.  
Long Handle Measure for Milk Cans, 1 pint, 15c.; 1 quart, 18c.  
Milk Bottle Brushes, 10c. to 25c.  
Milk Can Brushes, 5c. to 25c.

### DAIRY PAILS

With strainers,  
**25c to 95c.**

Without  
**Strainers  
25c. to 45c.**



## Have Healthy Hens

There's no money in the other kind. And thousands of poultry men have proved that egg-producing, healthy hens are merely a matter of regularly giving them

*Pratts*

### POULTRY REGULATOR

(For 37 years called Pratts Poultry Food)

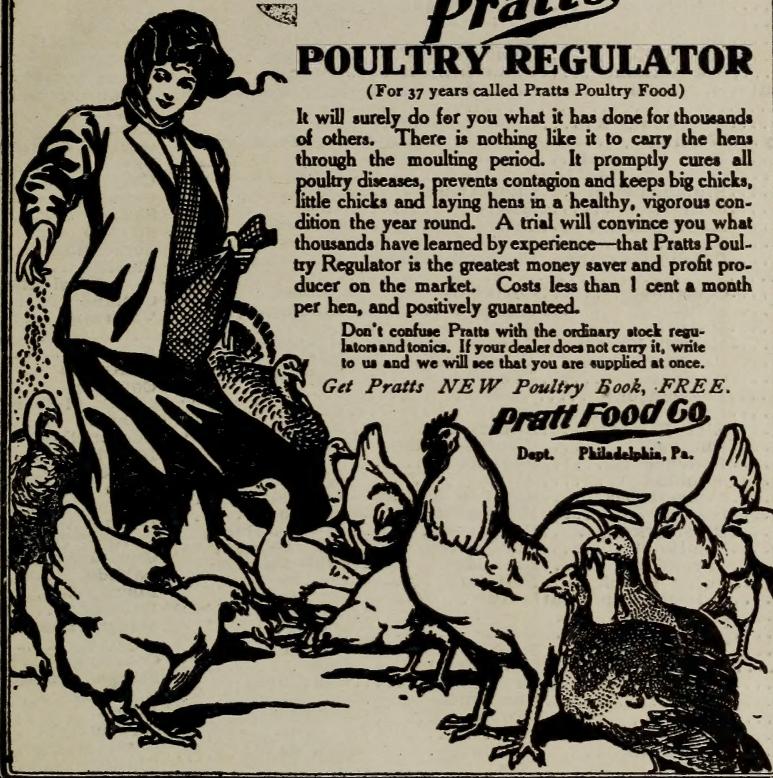
It will surely do for you what it has done for thousands of others. There is nothing like it to carry the hens through the moulting period. It promptly cures all poultry diseases, prevents contagion and keeps big chicks, little chicks and laying hens in healthy, vigorous condition the year round. A trial will convince you what thousands have learned by experience—that Pratts Poultry Regulator is the greatest money saver and profit producer on the market. Costs less than 1 cent a month per hen, and positively guaranteed.

Don't confuse Pratts with the ordinary stock regulators and tonics. If your dealer does not carry it, write to us and we will see that you are supplied at once.

Get Pratts NEW Poultry Book, FREE.

*Pratt Food Co.*

Dept. Philadelphia, Pa.



### General Agents

## Pratts Poultry Foods Etc.

#### PLANTING CALENDAR.

FEBRUARY. Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

MARCH. Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes, Onion Sets, English Bean.

APRIL. Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground.—Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Parsnip, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

MAY. Plant in Open Ground.—Asparagus, Beans, Beets, Broccoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

JUNE. Plant in Open Ground.—Lima Beans, Beets, Broccoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta Baga, Melon, Herbs.

JULY. Plant in Open Ground.—Beans, Beets, Cauliflower, Carrot, Celery, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Squash, Ruta Baga.

AUGUST. Plant in Open Ground.—Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

SEPTEMBER. Plant in Open Ground.—Cabbage, Cauliflower, and Lettuce for wintering in cold-frames, Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.

## Foreign Names of Vegetables and Herbs

English.	German.	French.	Spanish.	Italian	Holland.
Anise . . . . .	Anis, Gruener Anis . . . . .	Anis, Malalahga . . . . .	Aniso, Anacio . . . . .	Anijs . . . . .	
Artichoke . . . . .	Arrischocke . . . . .	Artichaut . . . . .	Alcachofa . . . . .	Articicolla . . . . .	
Asparagus . . . . .	Spargel . . . . .	Asperge . . . . .	Esparrago . . . . .	Sparagio . . . . .	
Balm . . . . .	Citronen Melisse . . . . .	Melisse citronelle . . . . .	Tornsjil . . . . .	Citronella . . . . .	
Basil . . . . .	Basilikum . . . . .	Basilic grand . . . . .	Albaca . . . . .	Basilico . . . . .	
Beans . . . . .	Bohnen . . . . .	Haricots . . . . .	Habichuela . . . . .	Fagioli . . . . .	
Beet . . . . .	Ruebe . . . . .	Betterave . . . . .	Remolacha . . . . .	Barbabietola . . . . .	
Borage . . . . .	Boretsch . . . . .	Bourrache . . . . .	Borrajo . . . . .	Boragine . . . . .	
Broccoli . . . . .	Spargelkohl . . . . .	Chou Brocoli . . . . .	Brocui . . . . .	Cavol brocolo . . . . .	
Brussels Sprouts . . . . .	Rosenkohl . . . . .	Chou de Bruxelles Brontoesde . . . . .	Brus . . . . .	Cavolo agermaglia . . . . .	
Cabbage . . . . .	Kopfkohl, Kra . . . . .	Chou pomme . . . . .	Col repello . . . . .	Cavolo cappuccio . . . . .	
Cabbage Savoy . . . . .	Wirsing . . . . .	Chou de Milan . . . . .	Col de Milan . . . . .	Slutkool . . . . .	
Caraway . . . . .	Feld Kuemmel . . . . .	Chum des press . . . . .	Carvi . . . . .	Soovioihool . . . . .	
Carrot . . . . .	Carrotten, Moehren . . . . .	Carotte . . . . .	Zanadoriaa . . . . .	Karvij . . . . .	
Cauliflower . . . . .	Blummenkohl . . . . .	Chou-fleur . . . . .	Colifer . . . . .	Wortelen . . . . .	
Celery . . . . .	Sellerie . . . . .	Celeri . . . . .	Apio . . . . .	Bloemkool . . . . .	
Celeriac . . . . .	Knoll-Sellerie . . . . .	Celere-rave . . . . .	Apio-nabo . . . . .	Selderij . . . . .	
Chervil . . . . .	Kerbet . . . . .	Cerfeuil . . . . .	Perifolio . . . . .	Knoise erij . . . . .	
Chicory . . . . .	Chichorienwurzel . . . . .	Chicoree sauvage . . . . .	Achicoria . . . . .	Kervil . . . . .	
Coriander . . . . .	Coriander . . . . .	Coriandre . . . . .	Cuiatra . . . . .	Wselvatica . . . . .	
Corn Salad . . . . .	Feldsalat . . . . .	Mache . . . . .	Canonigs . . . . .	Coriandorio . . . . .	
Corn . . . . .	Mais . . . . .	Mais . . . . .	Masteuerzo . . . . .	Valeriana . . . . .	
Cress . . . . .	Garten Kresse . . . . .	Cresson aleinois . . . . .	Cresson defontaine . . . . .	Tunkers . . . . .	
Cress, Water . . . . .	Brunnenkresse . . . . .	Cresson defontaine . . . . .	Berro . . . . .	Waterkers . . . . .	
Cucumber . . . . .	Gurken . . . . .	Concombre . . . . .	Cohombro . . . . .	Komkomer . . . . .	
Dandelion . . . . .	Loewenzohne . . . . .	Pissenlit . . . . .	Dente di leone . . . . .		
Dill . . . . .	Dille . . . . .	Aneth . . . . .	Eneldo . . . . .		
Egg Plant . . . . .	Eier-Pflanz . . . . .	Aubergine . . . . .	Berengena . . . . .		
Endive . . . . .	Endiven . . . . .	Cicorce-Endive . . . . .	Endiva . . . . .		
Fennel . . . . .	Fenchel . . . . .	Fenoli . . . . .	Hinojo . . . . .		
Garlick . . . . .	Knoblauch . . . . .	Ali . . . . .	Ajo . . . . .		
Horse Radish . . . . .	meer-Rettig . . . . .	Ranfort sauvage . . . . .	Taramago . . . . .		
Hyssop . . . . .	Isop . . . . .	Hyssope . . . . .	Hisopo . . . . .		
Kale . . . . .	Blaetterkohl . . . . .	Chou vert . . . . .	Bretton, Berza . . . . .		
Kohlrabi . . . . .	Knolkohl . . . . .	Chou-rave . . . . .	Col rabano . . . . .		
Lavender . . . . .	Lavendel . . . . .	Lavende . . . . .	Espliego . . . . .		
Leek . . . . .	Porre Lauch . . . . .	Poireau . . . . .	Peuro . . . . .		
Lettuce . . . . .	Lattich Kopfsalat . . . . .	Laitue . . . . .	Lechuga . . . . .		
Marjoram . . . . .	Marjoram . . . . .	Marjolaine . . . . .	Mejorana . . . . .		
Melon . . . . .	Melone . . . . .	Melon . . . . .	Melon . . . . .		
Melon, Water . . . . .	Wasser-Melone . . . . .	Melon d'eau . . . . .	Sandia . . . . .		
Mushroom . . . . .	Schwamm . . . . .	Champignon . . . . .	Seta . . . . .		
Nasturtium . . . . .	Kupuciner Kresse Capucine . . . . .	Capucine . . . . .	Capuchina . . . . .		
Okra . . . . .	Ocher . . . . .	Gombeud . . . . .	Gombo . . . . .		
Onion . . . . .	Zwiebel . . . . .	Ognon . . . . .	Ceballa . . . . .		
Parsley . . . . .	Patersille . . . . .	Persil . . . . .	Perejil . . . . .		
Parsnip . . . . .	Pastinake . . . . .	Panals . . . . .	Chirvia . . . . .		
Peas . . . . .	Erbse . . . . .	Pois . . . . .	Guante . . . . .		
Pepper . . . . .	Pfeffer . . . . .	Piment . . . . .	Pimiento . . . . .		
Pumpkin . . . . .	Melonen-Kuerbiss . . . . .	Potiron . . . . .	Calabaza totanera . . . . .		
Radish . . . . .	Radies . . . . .	Radis . . . . .	Rabanito . . . . .		
Rhubarb . . . . .	Rhabarber . . . . .	Rhubarbe . . . . .	Ruibarbo . . . . .		
Rosemary . . . . .	Rosmarin . . . . .	Romarin . . . . .	Romero . . . . .		
Rue . . . . .	Raute . . . . .	Rue . . . . .	Ruda . . . . .		
Saffron . . . . .	Safran . . . . .	Safran . . . . .	Azafran . . . . .		
Sage . . . . .	Salbel . . . . .	Sauge . . . . .	Salvia . . . . .		
Salsify . . . . .	Haferwurzel . . . . .	Salrifis . . . . .	Salsifis Blanco . . . . .		
Sorrel . . . . .	Sauerampfer . . . . .	Oscille . . . . .	Acedra . . . . .		
Summer Savory . . . . .	Bohnenkraut . . . . .	Sarriette annule . . . . .	Ajedrea comun . . . . .		
Spinach . . . . .	Spinat . . . . .	Epinarde . . . . .	Espinaciaca . . . . .		
Squash . . . . .	Kuerbi . . . . .	Courge . . . . .	Calabaza . . . . .		
Tansy . . . . .	Gemeiner-rainfarm Tanaisie . . . . .	Tanaisie . . . . .	Tanacexo . . . . .		
Thyme . . . . .	Thymian . . . . .	Thym . . . . .	Tomillo . . . . .		
Tomato . . . . .	Liebessapfel . . . . .	Pomme d'Amour . . . . .	Tomate . . . . .		
Turnip . . . . .	Weisse-Reube . . . . .	Nevet . . . . .	Nabo . . . . .		
Wormwood . . . . .	Wermuth . . . . .	Absinthe . . . . .	Ajenio . . . . .		



